

# Product Datasheet

## Glutathione S Transferase kappa 1 Antibody - BSA Free NBP3-38128-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-38128-100ul**

Glutathione S Transferase kappa 1 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                             |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer                      | PBS (pH 7.3), 50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                              |
| Target Molecular Weight     | 25 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Description                 | Novus Biologicals Rabbit Glutathione S Transferase kappa 1 Antibody - BSA Free (NBP3-38128) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                                                                                                |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene ID                     | 373156                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | GSTK1                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Immunogen                   | <p>Recombinant fusion protein containing a sequence corresponding to amino acids 1-226 of human Glutathione S Transferase kappa 1 (NP_057001.1).</p> <p>Sequence:<br/> MGPLPRTVELFYDVLSPYSWLGFEILCRYQNIWNINLQLRPSLITGIMKDSGNKP<br/> PGLLP RKGLYMANDLKLLRHHLQIPIHFPKDFLSVMLEKGSLSAMRFLTAVNLE<br/> HPEMLEKASRELWMRVWSRNEDITEPQSILAAAEKAGMSAEQAQGLLEKIATP<br/> KVKNQLKETTEAACRYGAFGLPITVAHVVDGQTHMLFGSDRMELLAHLLGEKW<br/> MGPIPPAVNARL</p> |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                                                                                                                                                                                        |
| Recommended Dilutions       | Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:100, Immunohistochemistry-Paraffin 1:50 - 1:200                                                                                                                                                                                                                                                                              |



## Images

Western Blot: Glutathione S Transferase kappa 1 Antibody [NBP3-38128] - Western blot analysis of various lysates using Glutathione S Transferase kappa 1 Rabbit pAb at 1:1000 dilution.

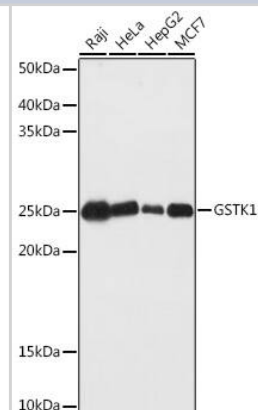
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

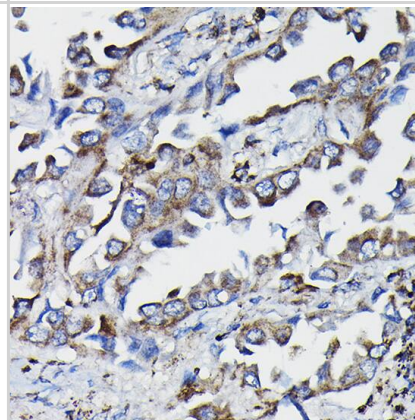
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

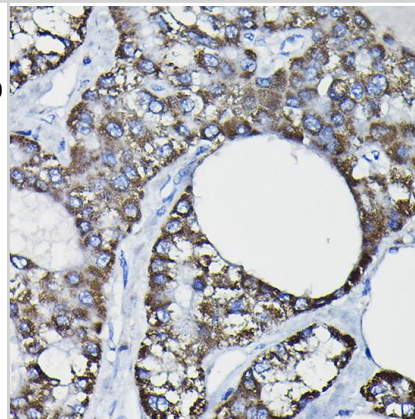
Exposure time: 60s.



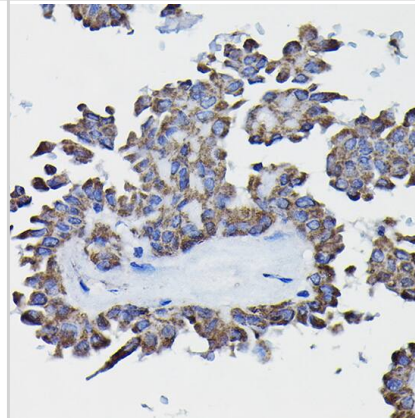
Immunohistochemistry: Glutathione S Transferase kappa 1 Antibody [NBP3-38128] - Immunohistochemistry analysis of paraffin-embedded Human lung cancer using Glutathione S Transferase kappa 1 Rabbit pAb at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: Glutathione S Transferase kappa 1 Antibody [NBP3-38128] - Immunohistochemistry analysis of paraffin-embedded Human liver cancer using Glutathione S Transferase kappa 1 Rabbit pAb at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry: Glutathione S Transferase kappa 1 Antibody [NBP3-38128] - Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer using Glutathione S Transferase kappa 1 Rabbit pAb at dilution of 1:20 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



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**Products Related to NBP3-38128-100ul**

|            |                                                             |
|------------|-------------------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]               |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]         |
| NBP2-24891 | Rabbit IgG Isotype Control                                  |
| NBP1-37083 | Recombinant Human Glutathione S Transferase kappa 1 Protein |

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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