

# Product Datasheet

## KAP1 Antibody - BSA Free NBP2-39014

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP2-39014**

KAP1 Antibody - BSA Free

| Product Information |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                                           |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Polyclonal                                                                                                       |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG                                                                                                              |
| Purity              | Immunogen affinity purified                                                                                      |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

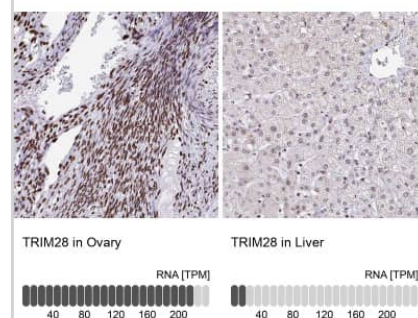
| Product Description |                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit KAP1 Antibody - BSA Free (NBP2-39014) is a polyclonal antibody validated for use in IHC and ICC/IF. Anti-KAP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                       |
| Gene ID             | 10155                                                                                                                                                                                                                                        |
| Gene Symbol         | TRIM28                                                                                                                                                                                                                                       |
| Species             | Human                                                                                                                                                                                                                                        |
| Immunogen           | This antibody was developed against a recombinant protein corresponding to amino acids:<br>TDSTFSLDQPGGTLDLTLIRARLQEKLSPPYSSPQEFAQDVGRMFKQFNKLTE<br>DKADVQSIIGLQRFFETRMNEAFGDTKFSAVLV                                                        |

| Product Application Details |                                                                                                                                           |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Applications                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                              |
| Recommended Dilutions       | Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                             |

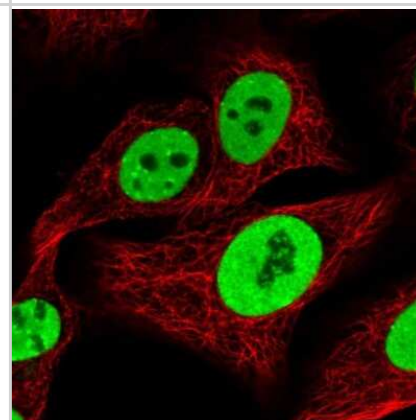


## Images

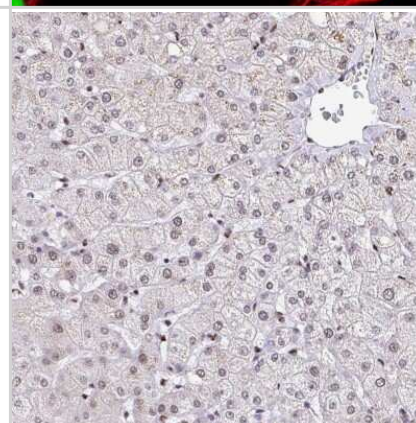
Immunohistochemistry-Paraffin: KAP1 Antibody [NBP2-39014] - Staining in human ovary and liver tissues using anti-TRIM28 antibody. Corresponding TRIM28 RNA-seq data are presented for the same tissues.



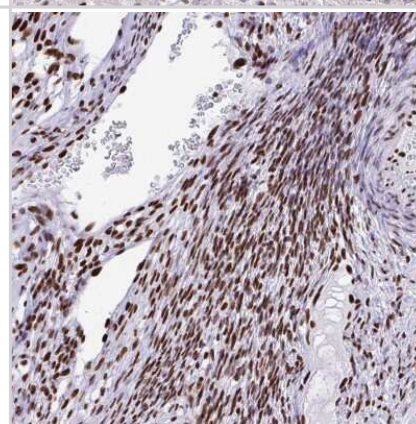
Immunocytochemistry/Immunofluorescence: KAP1 Antibody [NBP2-39014] - Immunofluorescent staining of human cell line A549 shows localization to nucleoplasm.



Immunohistochemistry-Paraffin: KAP1 Antibody [NBP2-39014] - Staining of human liver shows low expression as expected.



Immunohistochemistry-Paraffin: KAP1 Antibody [NBP2-39014] - Staining of human ovary shows high expression.



## Publications

Markmiller S, Sathe S, Server KL et al. Persistent mRNA localization defects and cell death in ALS neurons caused by transient cellular stress Cell reports 2021-09-07 [PMID: 34496257]



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### **Products Related to NBP2-39014**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP2-39014PEP | KAP1 Recombinant Protein Antigen                    |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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### **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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