

# Product Datasheet

## CS Citrate Synthase Antibody (CL2548) - BSA Free NBP2-36772

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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**NBP2-36772**

CS Citrate Synthase Antibody (CL2548) - 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           | Monoclonal                                                                                                       |
| Clone               | CL2548                                                                                                           |
| Preservative        | 0.02% Sodium Azide                                                                                               |
| Isotype             | IgG1                                                                                                             |
| Purity              | Protein A purified                                                                                               |
| Buffer              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

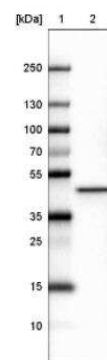
| Product Description |                                                                                                                                                                                                                                                                                                                                                |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse CS Citrate Synthase Antibody (CL2548) - BSA Free (NBP2-36772) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                                                                                            |
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                          |
| Gene ID             | 1431                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol         | CS                                                                                                                                                                                                                                                                                                                                             |
| Species             | Human                                                                                                                                                                                                                                                                                                                                          |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions |
| Immunogen           | This antibody was developed using a recombinant protein derived from O75390, with the exact immunogen sequence remaining proprietary.                                                                                                                                                                                                          |

| Product Application Details |                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry                                         |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.                                                     |

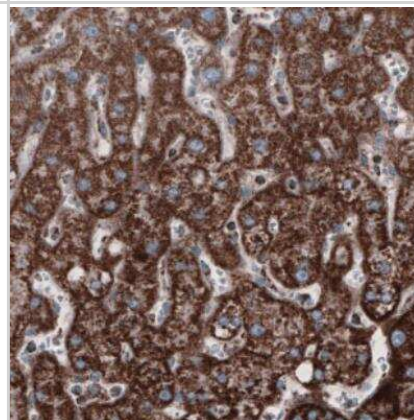


## Images

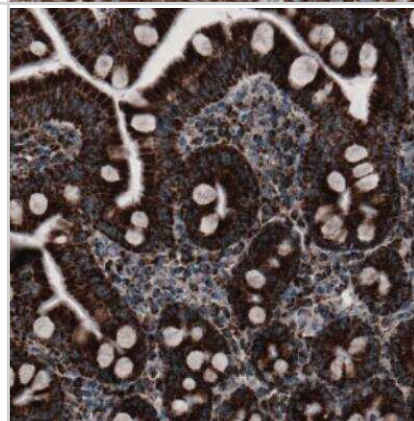
Western Blot: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] -  
Lane 1: Marker [kDa]. Lane 2: Human cell line U-251 MG



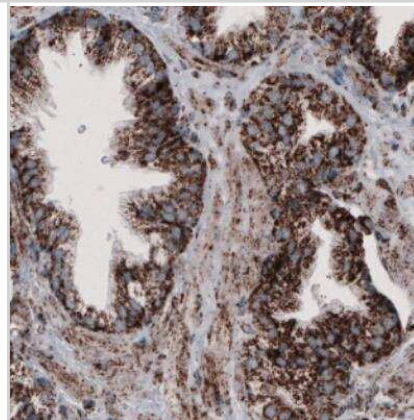
Immunohistochemistry: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] - Staining of human liver shows granular cytoplasmic positivity in hepatocytes.



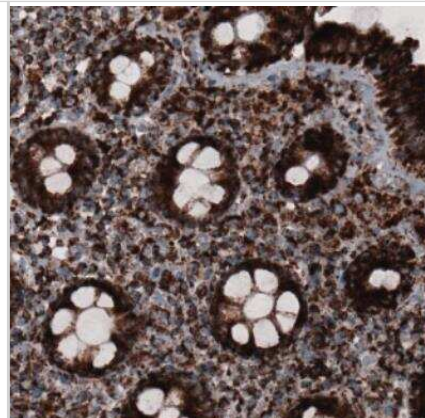
Immunohistochemistry: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] - Staining of human small intestine shows strong granular cytoplasmic immunoreactivity in both glandular and lamina propria cells.



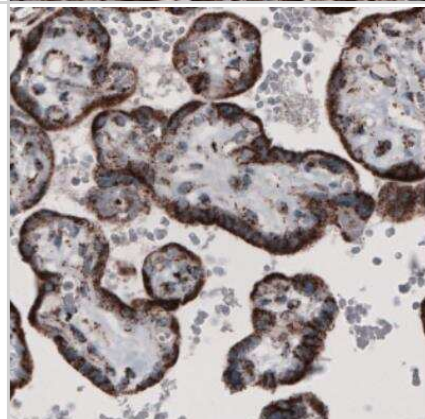
Immunohistochemistry: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] - Staining of human prostate shows strong granular cytoplasmic positivity in glandular cells.



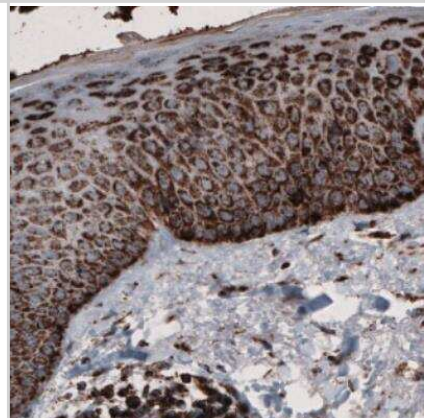
Immunohistochemistry: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] - Staining of human colon shows strong granular cytoplasmic immunoreactivity in both glandular and lamina propria cells.



Immunohistochemistry: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] - Staining of human placenta shows granular cytoplasmic positivity in the trophoblast.



Immunohistochemistry: CS Citrate Synthase Antibody (CL2548) [NBP2-36772] - Staining of human skin shows granular cytoplasmic immunoreactivity in epithelial cells.





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### **Products Related to NBP2-36772**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |
| NBP2-51818-0.1mg | Recombinant Human CS Citrate Synthase His Protein       |

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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