

Product Datasheet

Cystathionase Antibody - BSA Free NBP1-31759

Unit Size: 100 ul

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP1-31759**Cystathionase Antibody - BSA Free**

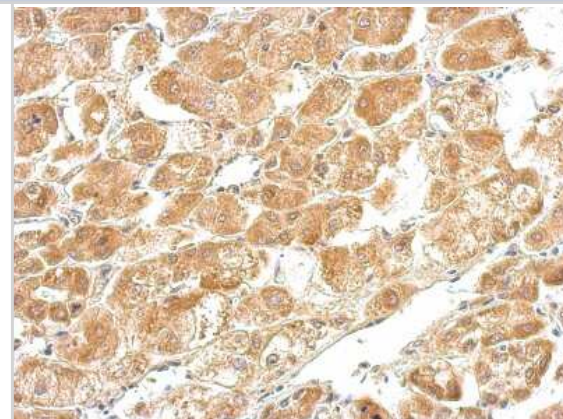
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	45 kDa

Product Description	
Description	Novus Biologicals Rabbit Cystathionase Antibody - BSA Free (NBP1-31759) is a polyclonal antibody validated for use in IHC and WB. Anti-Cystathionase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1491
Gene Symbol	CTH
Species	Human, Mouse, Rat
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Porcine (86%), Bovine (89%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Cystathionase. The exact sequence is proprietary.

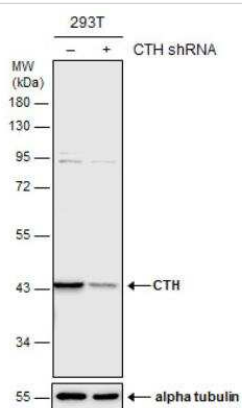
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

Images

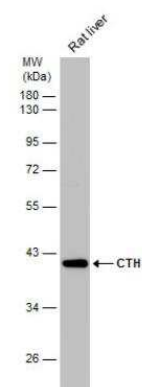
Immunohistochemistry-Paraffin: Cystathionase Antibody [NBP1-31759] - Paraffin-embedded hepatoma tissue; antibody dilution 1:500.



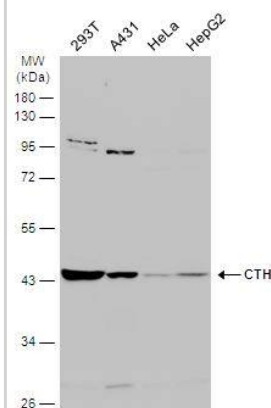
Western Blot: Cystathionase Antibody [NBP1-31759] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with CTH antibody. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



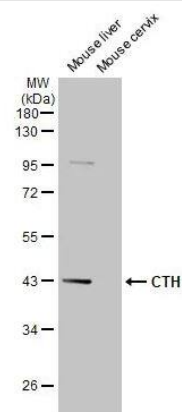
Western Blot: Cystathionase Antibody [NBP1-31759] - Rat tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with CTH antibody diluted at 1:3000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



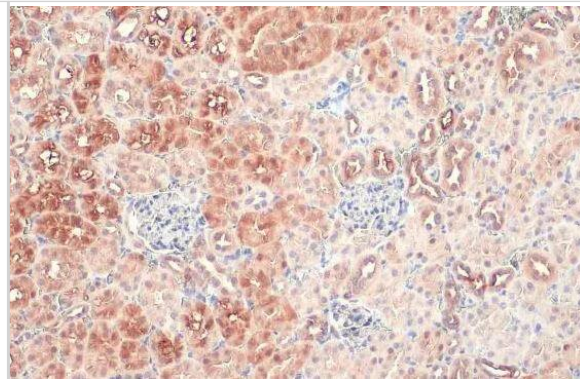
Western Blot: Cystathionase Antibody [NBP1-31759] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with CTH antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: Cystathionase Antibody [NBP1-31759] - Various tissue extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with CTH antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: Cystathionase Antibody [NBP1-31759] - Mouse kidney. CTH stained by CTH antibody diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Publications

Md. Aejazur Rahman, Bridgette M. Cumming, Kelvin W. Addicott, Hayden T. Pacl, Shannon L. Russell, Kievershen Nargan, Threnesan Naidoo, Pratistadevi K. Ramdial, John H. Adamson, Rui Wang, Adrie J. C. Steyn Hydrogen sulfide dysregulates the immune response by suppressing central carbon metabolism to promote tuberculosis Proceedings of the National Academy of Sciences of the United States of America 2020-03-24 [PMID: 32139610]



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Products Related to NBP1-31759

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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