

Product Datasheet

Cathepsin S Antibody (HL2302) - Azide and BSA Free NBP3-25398

Unit Size: 100 ul

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

www.novusbio.com



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Publications: 1

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NBP3-25398

Cathepsin S Antibody (HL2302) - Azide and BSA Free

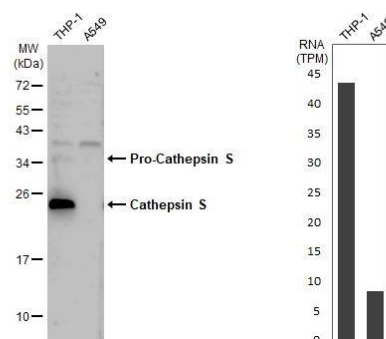
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	HL2302
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	37 kDa

Product Description	
Description	Novus Biologicals Rabbit Cathepsin S Antibody (HL2302) - Azide and BSA Free (NBP3-25398) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1520
Gene Symbol	CTSS
Species	Human, Mouse, Rat
Immunogen	Recombinant fragment of human Cathepsin S.

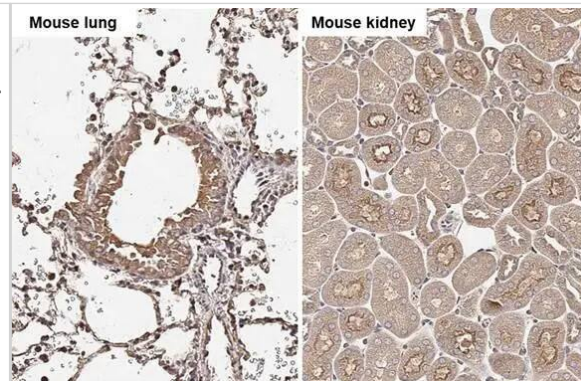
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry Assay dependent, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin Assay dependent

Images

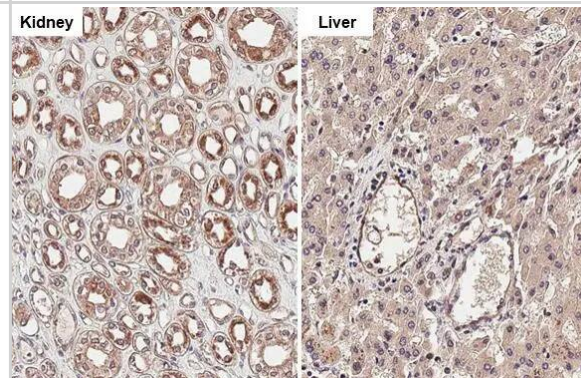
Western Blot: Cathepsin S Antibody (HL2302) - Azide and BSA Free [NBP3-25398] - Various whole cell extracts (30 ug) were separated by 12% SDS-PAGE, and the membrane was blotted with Cathepsin S antibody [HL2302] (NBP3-25398) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



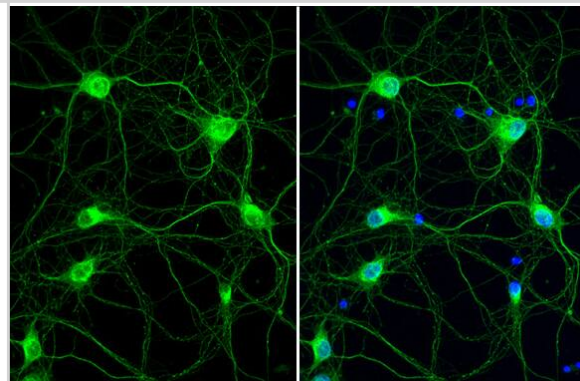
Immunohistochemistry-Paraffin: Cathepsin S Antibody (HL2302) - Azide and BSA Free [NBP3-25398] - Cathepsin S antibody [HL2302] detects Cathepsin S protein by immunohistochemical analysis. Sample: Paraffin-embedded mouse tissues. Cathepsin S stained by Cathepsin S antibody [HL2302] (NBP3-25398) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



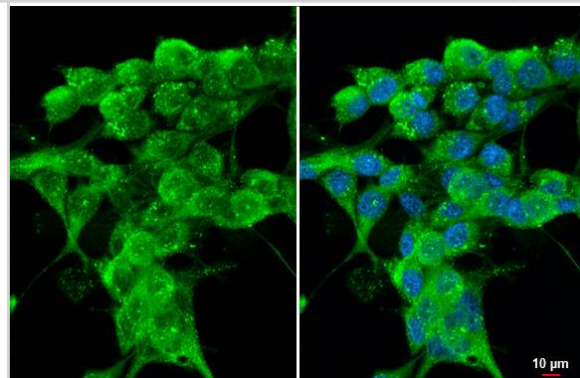
Immunohistochemistry-Paraffin: Cathepsin S Antibody (HL2302) - Azide and BSA Free [NBP3-25398] - Cathepsin S antibody [HL2302] detects Cathepsin S protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human tissue. Cathepsin S stained by Cathepsin S antibody [HL2302] (NBP3-25398) diluted at 1:100. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Immunocytochemistry/Immunofluorescence: Cathepsin S Antibody (HL2302) - Azide and BSA Free [NBP3-25398] - Cathepsin S antibody [HL2302] detects Cathepsin S protein at fiber by immunofluorescent analysis. Sample: DIV9 rat E18 primary cortical neuron cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Cathepsin S stained by Cathepsin S antibody [HL2302] (NBP3-25398) diluted at 1:250. Blue: Fluoroshield with DAPI .



Immunocytochemistry/Immunofluorescence: Cathepsin S Antibody (HL2302) - Azide and BSA Free [NBP3-25398] - Cathepsin S antibody [HL2302] detects Cathepsin S protein at cytoplasmic vesicle by immunofluorescent analysis. Sample: U87-MG cells were fixed in ice-cold MeOH for 5 min. Green: Cathepsin S stained by Cathepsin S antibody [HL2302] (NBP3-25398) diluted at 1:500. Blue: Fluoroshield with DAPI .



Publications

Chen J, Wang J, Zheng W et al. Brain–cervical lymph node crosstalk contributes to brain injury induced by subarachnoid hemorrhage in mice Nature Communications 2025-09-29 [PMID: 41022690]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-25398

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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