

Product Datasheet

Aspartate Aminotransferase Antibody - BSA Free NBP2-57518

Unit Size: 100 ul

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

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Publications: 1

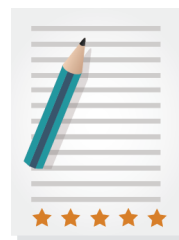
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Updated 9/9/2025 v.20.1

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NBP2-57518

Aspartate Aminotransferase 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	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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description

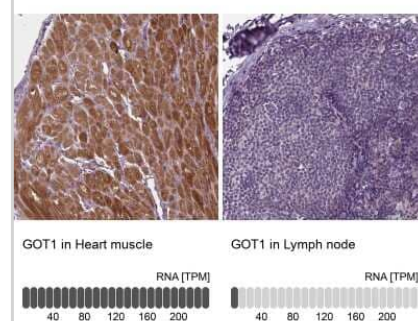
Description	Novus Biologicals Rabbit Aspartate Aminotransferase Antibody - BSA Free (NBP2-57518) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Aspartate Aminotransferase Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2805
Gene Symbol	GOT1
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to the following amino acid sequence: IGMFSFTGLNPKQVEYLVNEKHIIYLLPSGRINVSGLTTKNLDYVATSIHEAVTKIQ

Product Application Details

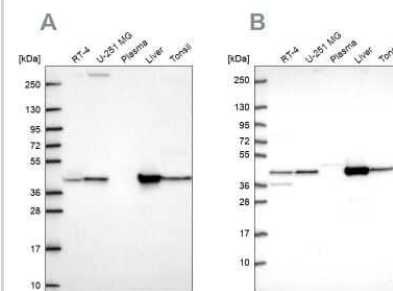
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

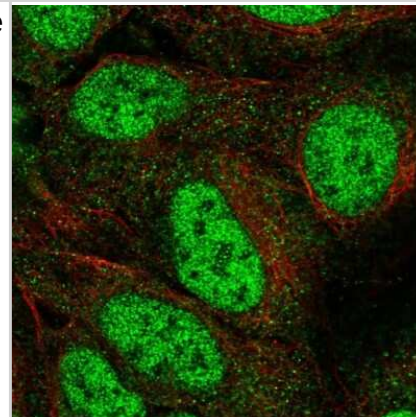
Immunohistochemistry-Paraffin: Aspartate Aminotransferase Antibody [NBP2-57518] - Staining in human heart muscle and lymph node tissues using anti-GOT1 antibody. Corresponding GOT1 RNA-seq data are presented for the same tissues.



Western Blot: Aspartate Aminotransferase Antibody [NBP2-57518] - Analysis using Anti-GOT1 antibody NBP2-57518 (A) shows similar pattern to independent antibody NBP2-55813 (B).



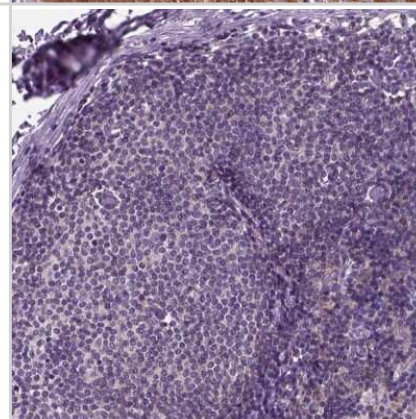
Immunocytochemistry/Immunofluorescence: Aspartate Aminotransferase Antibody [NBP2-57518] - Staining of human cell line U-2 OS shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: Aspartate Aminotransferase Antibody [NBP2-57518] - Staining of human heart muscle shows high expression.



Immunohistochemistry-Paraffin: Aspartate Aminotransferase Antibody [NBP2-57518] - Staining of human lymph node shows low expression as expected.



Publications

Ma EH, Dahabieh MS, DeCamp LM et al. 13 C metabolite tracing reveals glutamine and acetate as critical in vivo fuels for CD8 + T cells bioRxiv : the preprint server for biology 2023-06-11 [PMID: 37333111] (WB, Mouse)



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Products Related to NBP2-57518

NBP2-57518PEP	Aspartate Aminotransferase 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

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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