

Product Datasheet

Argininosuccinate Lyase Antibody - BSA Free NBP1-87462

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: 2

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NBP1-87462**Argininosuccinate Lyase Antibody - BSA Free**

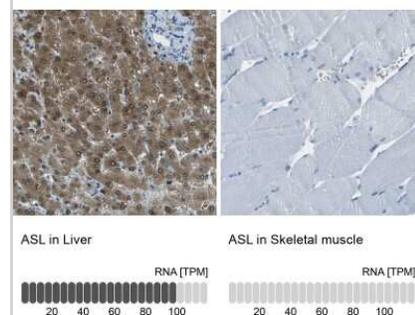
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Argininosuccinate Lyase Antibody - BSA Free (NBP1-87462) is a polyclonal antibody validated for use in IHC and WB. Anti-Argininosuccinate Lyase Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	435
Gene Symbol	ASL
Species	Human, Canine
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Rat (86%). Canine reactivity reported in scientific literature (PMID: 24945279).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MASESGKLWGGRFVGAVDPIMEKFNASIAYDRHLWEVDVQGSKAYSARGLEKA GLLTKAEMDQILHGLDKVAEEWAQGTFKLNSNDED

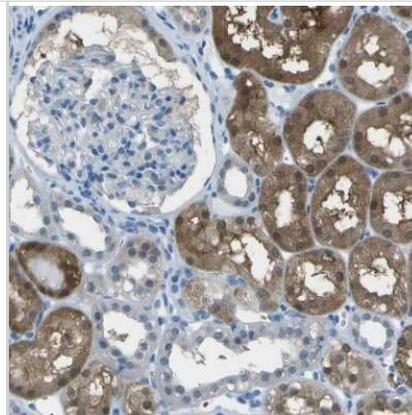
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot Reported in (PMID:36256480), Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000-1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

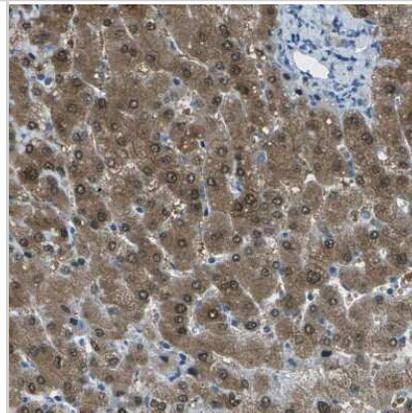
Immunohistochemistry-Paraffin: Argininosuccinate Lyase Antibody [NBP1-87462] - Staining in human liver and skeletal muscle tissues using NBP1-87462 antibody. Corresponding ASL RNA-seq data are presented for the same tissues.



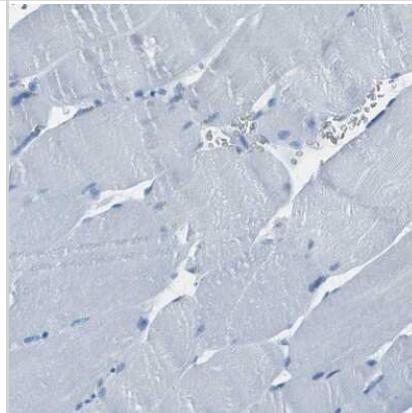
Immunohistochemistry-Paraffin: Argininosuccinate Lyase Antibody [NBP1-87462] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: Argininosuccinate Lyase Antibody [NBP1-87462] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Argininosuccinate Lyase Antibody [NBP1-87462] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Immunohistochemistry-Paraffin: Argininosuccinate Lyase Antibody [NBP1-87462] - Staining of human stomach shows weak cytoplasmic positivity in glandular cells.



Publications

Dai W, Shen J, Yan J et al. Glutamine synthetase limits b-catenin-mutated liver cancer growth by maintaining nitrogen homeostasis and suppressing mTORC1 The Journal of clinical investigation 2022-10-18 [PMID: 36256480] (WB, Mouse)

Details:

Dilution used for WB 1:1000

van Straten G, van Steenbeek FG, Grinwis GC et al. Aberrant Expression and Distribution of Enzymes of the Urea Cycle and Other Ammonia Metabolizing Pathways in Dogs with Congenital Portosystemic Shunts. PLoS One 2014-01-01 [PMID: 24945279] (IF/IHC, Canine)





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Products Related to NBP1-87462

NBP1-87462PEP	Argininosuccinate Lyase Recombinant Protein Antigen
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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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