

Product Datasheet

Argininosuccinate Synthase Antibody - BSA Free NBP1-88868

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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Updated 9/9/2025 v.20.1

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NBP1-88868**Argininosuccinate Synthase Antibody - BSA Free**

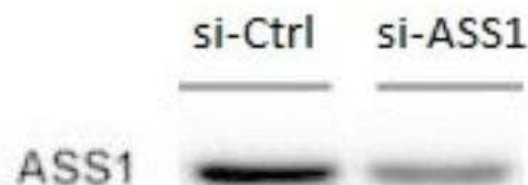
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Description	Novus Biologicals Rabbit Argininosuccinate Synthase Antibody - BSA Free (NBP1-88868) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	445
Gene Symbol	ASS1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AKQHGIPIPVTPKNPWMDENLMHISYEAGILENPKNQAPPGLYTKTQDPAKAP NTPDILEIEFKKGVPVKVTNVKDG

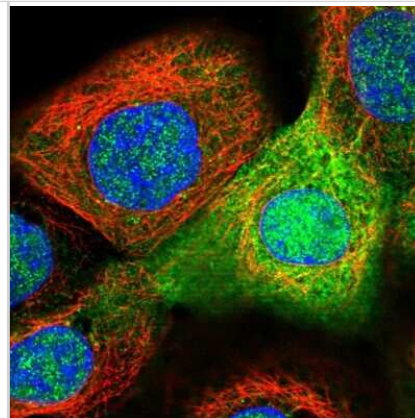
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 µg/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 µg/ml, Immunohistochemistry-Paraffin 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

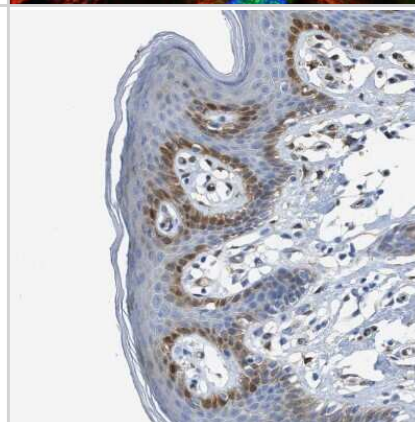
Western Blot: Argininosuccinate Synthase Antibody [NBP1-88868] - ASS1 was successfully silenced in H4-II-E-C3 cells. Image from verified customer review.



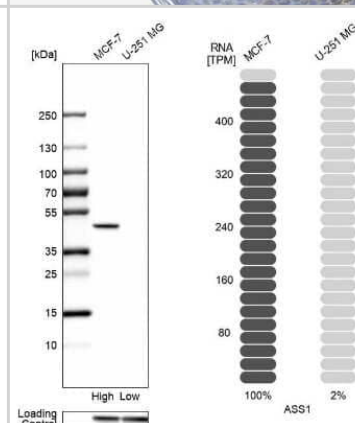
Immunocytochemistry/Immunofluorescence: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



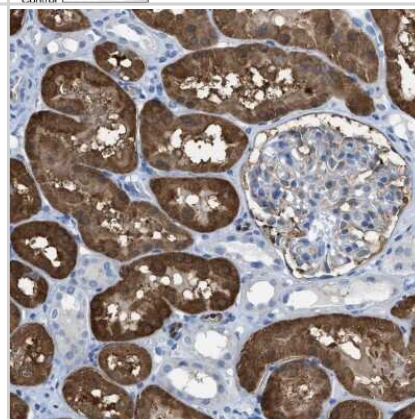
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human skin shows moderate cytoplasmic positivity in a subset of squamous epithelial cells.



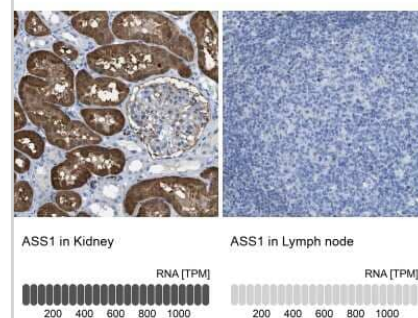
Western Blot: Argininosuccinate Synthase Antibody [NBP1-88868] - Analysis in human cell lines MCF-7 and U-251MG using anti-ASS1 antibody. Corresponding ASS1 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



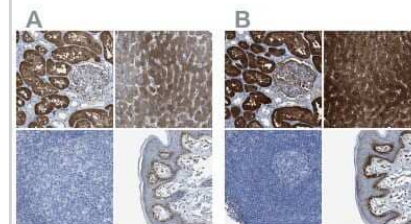
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human kidney shows high expression.



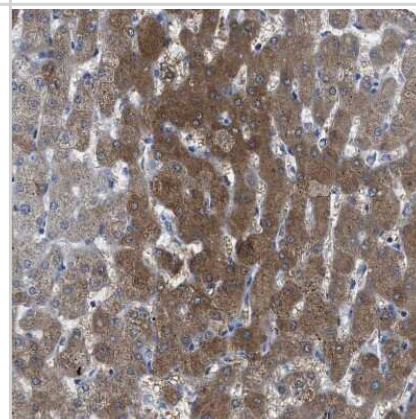
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Analysis in human kidney and lymph node tissues using NBP1-88868 antibody. Corresponding ASS1 RNA-seq data are presented for the same tissues.



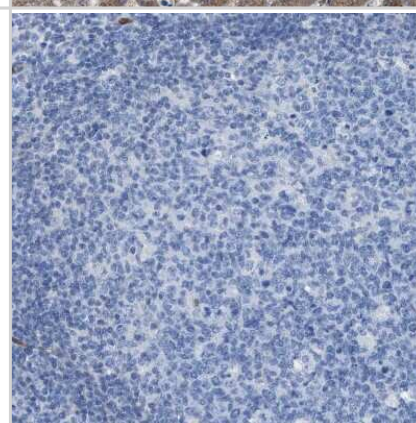
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human kidney, liver, lymph node and skin using Anti-ASS1 antibody NBP1-88868 (A) shows similar protein distribution across tissues to independent antibody NBP1-88867 (B).



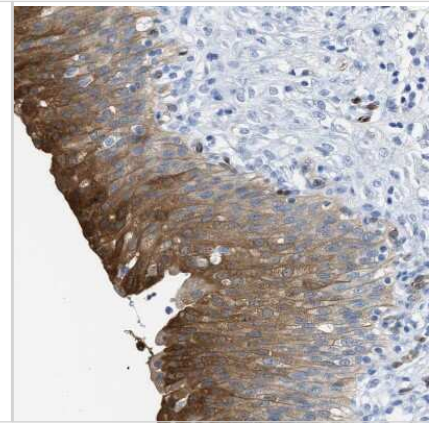
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human lymph node shows no cytoplasmic positivity in germinal center cells as expected.



Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88868] - Staining of human urinary bladder shows strong cytoplasmic positivity in urothelial cells.





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Products Related to NBP1-88868

NBP1-88868PEP	Argininosuccinate Synthase 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.

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

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