

Product Datasheet

Argininosuccinate Synthase Antibody - BSA Free NBP1-88867

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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NBP1-88867**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

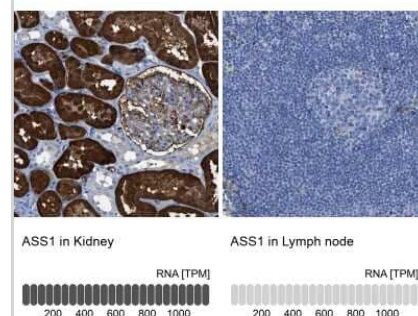
Host	Rabbit
Gene ID	445
Gene Symbol	ASS1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MSSKGSVVLAYSGGLDTSCILVWLKEQGYDVIAYLANIGQKEDFEEARKKALKL GAKKVFIEDVSREFVEEFIWPAIQS

Product Application Details

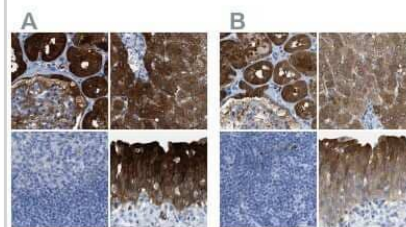
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

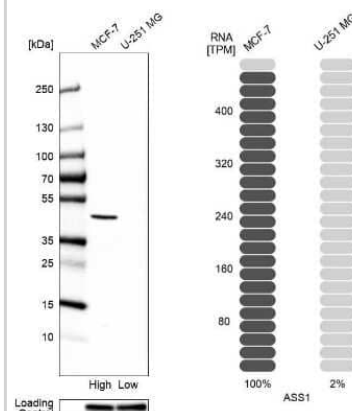
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining in human kidney and lymph node tissues using anti-ASS1 antibody. Corresponding ASS1 RNA-seq data are presented for the same tissues.



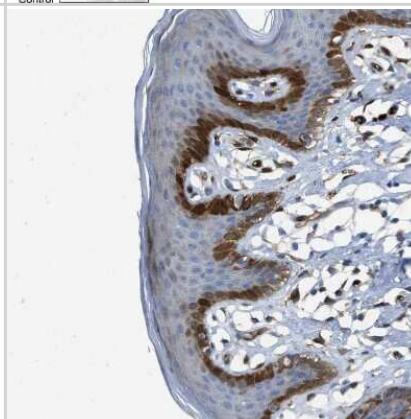
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human kidney, liver, lymph node and urinary bladder using Anti-ASS1 antibody NBP1-88867 (A) shows similar protein distribution across tissues to independent antibody NBP1-88868 (B).



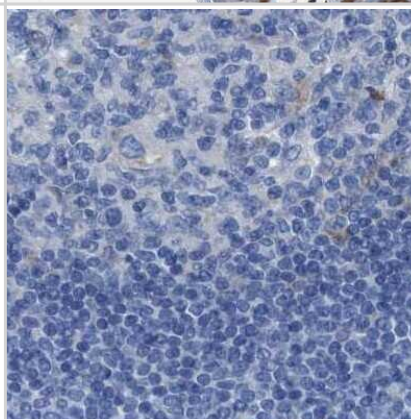
Western Blot: Argininosuccinate Synthase Antibody [NBP1-88867] - Analysis in human cell lines MCF-7 and U-251MG using anti-ASS1 antibody. Corresponding ASS1 RNA-seq data are presented for the same cell lines. Loading control: anti-GAPDH.



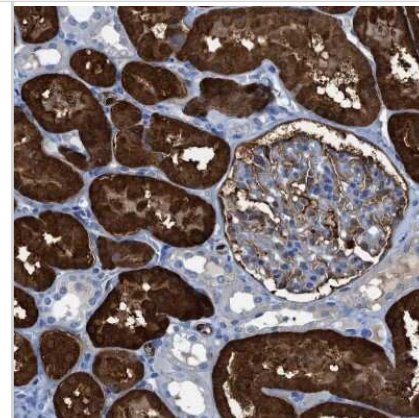
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human skin shows strong cytoplasmic positivity in a subset of squamous epithelial cells.



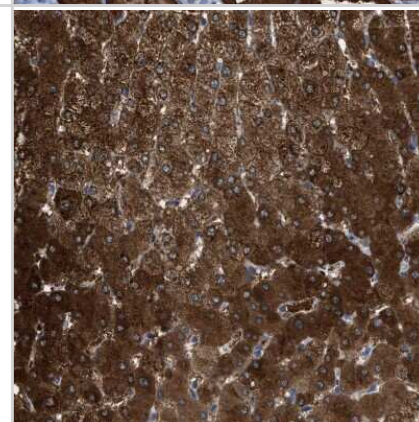
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human lymph node using Anti-ASS1 antibody NBP1-88867.



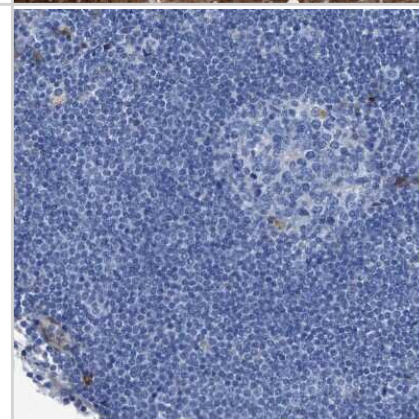
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human kidney shows strong cytoplasmic positivity in cells in proximal tubules.



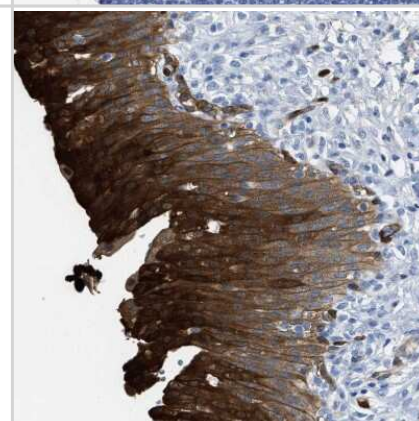
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human lymph node shows no cytoplasmic positivity in germinal center cells as expected.



Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody [NBP1-88867] - Staining of human urinary bladder shows strong cytoplasmic positivity in urothelial cells.



Publications

Slebos RJ, Jehmlich N, Brown B et al. Proteomic analysis of oropharyngeal carcinomas reveals novel HPV-associated biological pathways. Int J Cancer 2013-02-01 [PMID: 22733545]



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Products Related to NBP1-88867

NBP1-88867PEP	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.

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