

Product Datasheet

AASS Antibody - BSA Free

NBP1-82832

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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NBP1-82832

AASS 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

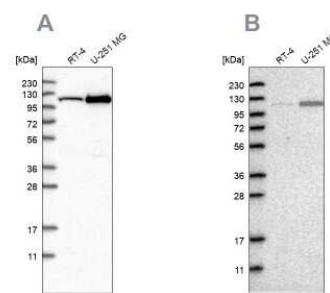
Host	Rabbit
Gene ID	10157
Gene Symbol	AASS
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (83%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PVSM DICKQEEKLGFLVAKQDLVISLLPYVLHPLVAKACITNKVNMVTASYITPAL KELEKSVEDAGITIIGELGLDPGLDHMLAMETIDKAKEVGATIESYISYCGGLPAP EHSNNPLRYK

Product Application Details

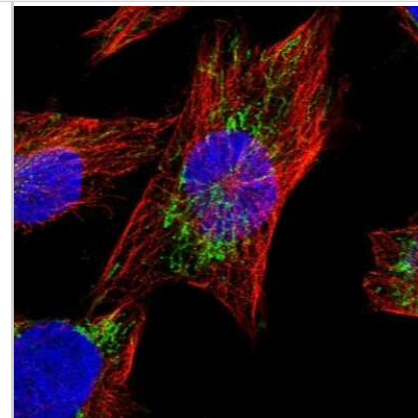
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

Images

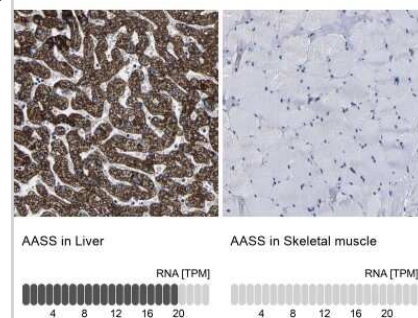
Western Blot: AASS Antibody [NBP1-82832] - Analysis using Anti-AASS antibody NBP1-82832 (A) shows similar pattern to independent antibody NBP1-82833 (B).



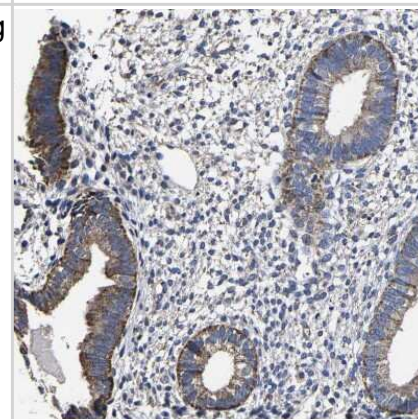
Immunocytochemistry/Immunofluorescence: AASS Antibody [NBP1-82832] - Staining of human cell line U-251 MG shows localization to mitochondria.



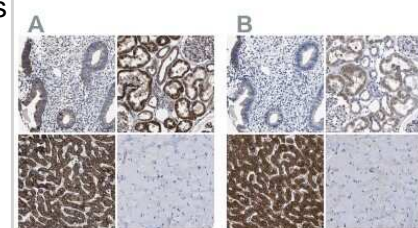
Immunohistochemistry-Paraffin: AASS Antibody [NBP1-82832] - Staining in human liver and skeletal muscle tissues using NBP1-82832 antibody. Corresponding AASS RNA-seq data are presented for the same tissues.



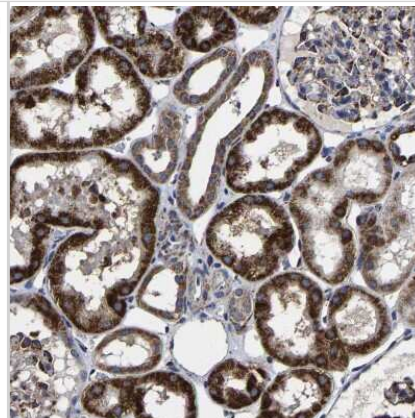
Immunohistochemistry-Paraffin: AASS Antibody [NBP1-82832] - Staining of human endometrium shows moderate granular cytoplasmic positivity in glandular cells.



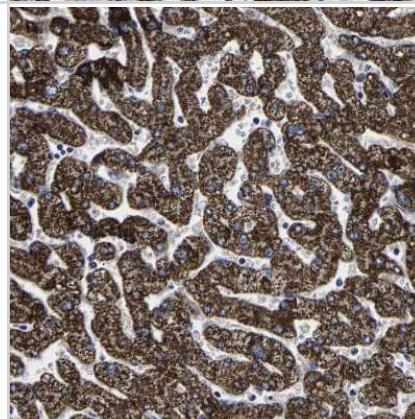
Immunohistochemistry-Paraffin: AASS Antibody [NBP1-82832] - Staining of human endometrium, kidney, liver and skeletal muscle using Anti-AASS antibody NBP1-82832 (A) shows similar protein distribution across tissues to independent antibody NBP1-82831 (B).



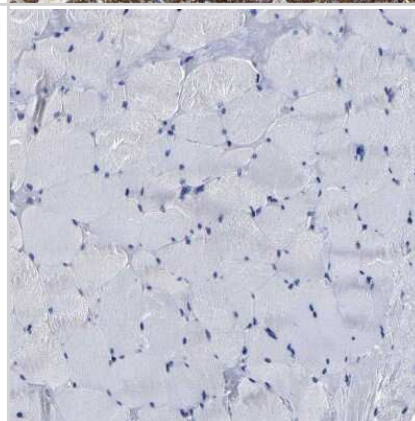
Immunohistochemistry-Paraffin: AASS Antibody [NBP1-82832] - Staining of human kidney shows moderate to strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: AASS Antibody [NBP1-82832] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: AASS Antibody [NBP1-82832] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



Publications

Houten SM, te Brinke H, Denis S et al. Genetic basis of hyperlysinemia. Orphanet J Rare Dis 2013-04-09 [PMID: 23570448]



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Products Related to NBP1-82832

NBP1-82832PEP	AASS 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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