

Product Datasheet

ASAH1 Antibody - BSA Free

NBP1-89296

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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NBP1-89296

ASAH1 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

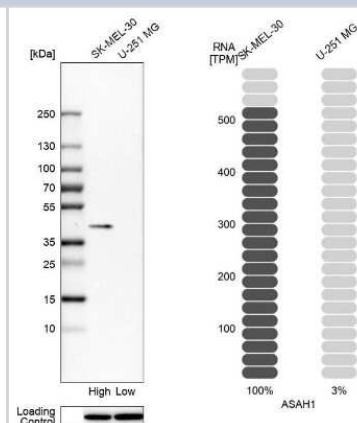
Host	Rabbit
Gene ID	427
Gene Symbol	ASAH1
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (82%), Rat (86%).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ENSTSYEEAKNLLTKKILAPAYFILGGNQSGEGCVITRDRKESLDVYELDAKQ GRWYVVQTNYDRWKHPFLDDRTPAKMCLNRTSQENISFETMYDVLSTKPV LNKLTVYTTLIDVTKGQF

Product Application Details

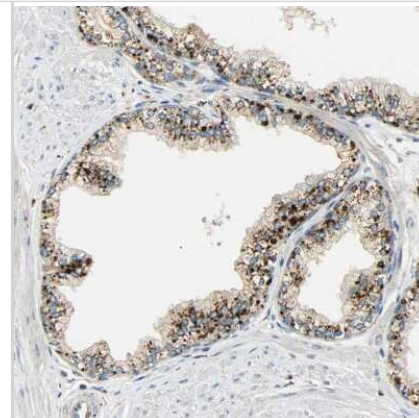
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

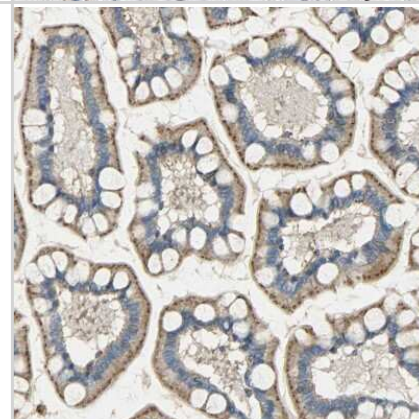
Western Blot: ASAH1 Antibody [NBP1-89296] - Analysis in human cell lines SK-MEL-30 and U-251MG using anti-ASAH1 antibody. Corresponding ASAH1 RNA-seq data are presented for the same cell lines. Loading control: anti-HDAC1.



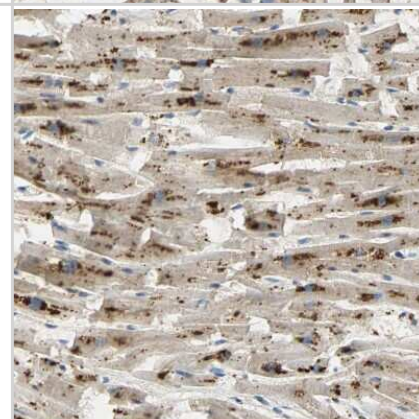
Immunohistochemistry-Paraffin: ASAH1 Antibody [NBP1-89296] - Staining of human prostate shows strong granular cytoplasmic positivity in glandular cells.



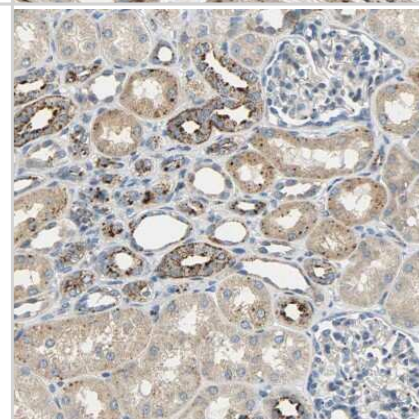
Immunohistochemistry-Paraffin: ASAH1 Antibody [NBP1-89296] - Staining of human small intestine shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: ASAH1 Antibody [NBP1-89296] - Staining of human heart muscle shows strong granular cytoplasmic positivity in cardiomyocytes.



Immunohistochemistry-Paraffin: ASAH1 Antibody [NBP1-89296] - Staining of human kidney shows strong granular cytoplasmic positivity in a subset of renal tubules.



Publications

Torrino S, Tiroille V, Dolfi B Et al. UBTD1 regulates ceramide balance and endolysosomal positioning to coordinate EGFR signaling eLife 2021-04-22 [PMID: 33884955]

Cho SM, Lee HK, Liu Q et al. A guanidine-based synthetic compound suppresses angiogenesis via inhibition of acid ceramidase ACS Chem. Biol. 2018-12-03 [PMID: 30507149] (WB, Human)

Cai K, Lucki NC, Sewer MB. Silencing diacylglycerol kinase-theta expression reduces steroid hormone biosynthesis and cholesterol metabolism in human adrenocortical cells. Biochim Biophys Acta 2014-04-04 [PMID: 24369117] (WB, Human)

Lucki NC, Li D, Bandyopadhyay S et al. Acid Ceramidase (ASAH1) Represses Steroidogenic Factor 1-Dependent Gene Transcription in H295R Human Adrenocortical Cells by Binding to the Receptor. Mol Cell Biol 2012-11-01 [PMID: 22927646]

Lucki NC, Bandyopadhyay S, Wang E et al. Acid Ceramidase (ASAH1) Is a Global Regulator of Steroidogenic Capacity and Adrenocortical Gene Expression. Mol Endocrinol 2012-02-01 [PMID: 22261821]

Lucki NC, Sewer MB et al. Genistein stimulates MCF-7 breast cancer cell growth by inducing acid ceramidase (ASAH1) gene expression. J Biol Chem 2011-06-01 [PMID: 21493710]

Lucki N, Sewer MB et al. The cAMP-responsive element binding protein (CREB) regulates the expression of acid ceramidase (ASAH1) in H295R human adrenocortical cells. Biochim Biophys Acta 2009-08-01 [PMID: 19298866]





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Products Related to NBP1-89296

NBP1-89296PEP	ASAH1 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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