

Rabbit anti-Human ASAH2 Polyclonal Antibody | anti-ASAH2 antibody

ASAH2 Antibody

CATALOG # AAA229942	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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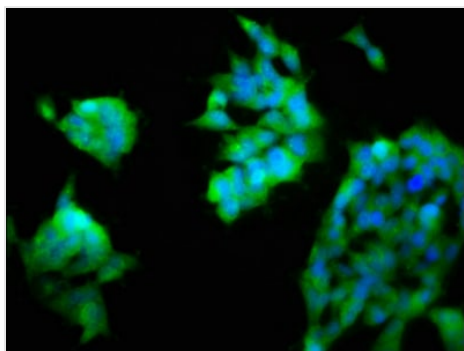
PRODUCT SYNONYMS

ASAH2; Polyclonal Antibody; ASAH2 Antibody; Neutral ceramidase; N-CDase; NCDase; Acylsphingosine deacylase 2; BCDase; LCDase; hCD; N-acylsphingosine amidohydrolase 2; Non-lysosomal ceramidase; HNAC1; anti-ASAH2 antibody

PRODUCT SPECIFICATIONS

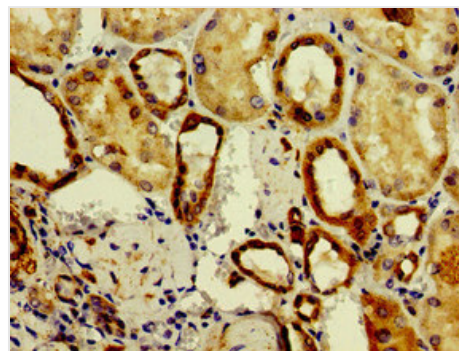
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	745
Applicable Applications for anti-ASAH2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Neutral ceramidase protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79642 / sc-79643 / sc-68906
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



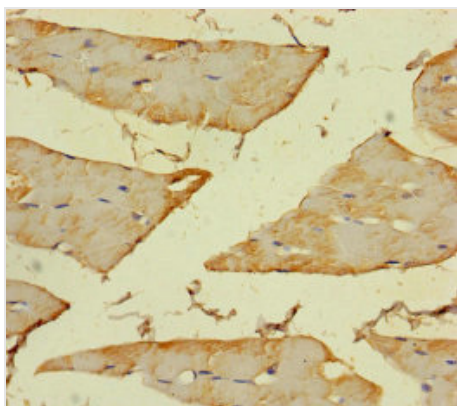
IF (Immunofluorescence)

Immunofluorescence staining of 293 cells with AAA229942 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



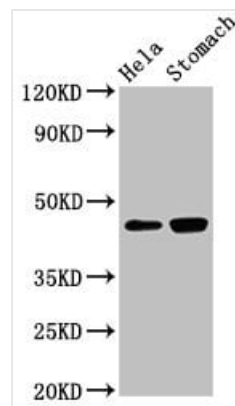
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA229942 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA229942 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, Rat stomach tissue All lanes: ASA2 antibody at 3ug/ml Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 86,82 KDa Observed band size: 86 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-ASA2 antibody

Hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 6.5-8.5. Acts as a key regulator of sphingolipid signaling metabolites by generating sphingosine at the cell surface. Acts as a repressor of apoptosis both by reducing C16-ceramide, thereby preventing ceramide-induced apoptosis, and generating sphingosine, a precursor of the antiapoptotic factor sphingosine 1-phosphate. Probably involved in the digestion of dietary sphingolipids in intestine by acting as a key enzyme for the catabolism of dietary sphingolipids and regulating the levels of bioactive sphingolipid metabolites in the intestinal tract.

NCBI AND UNIPROT INFORMATION

NCBI GI #	221307475
NCBI GeneID	56624
NCBI Accession #	NP_001137446.1
NCBI GenBank Nucleotide #	NM_001143974.1
UniProt Accession #	Q9NR71; Q3KNU1; Q5SNT7; Q5SZP6; Q5SZP7; Q5T1D5; Q71ME6
Molecular Weight	81,718 Da
NCBI Official Full Name	neutral ceramidase isoform b
NCBI Official Synonym Full Names	N-acylsphingosine amidohydrolase (non-lysosomal ceramidase) 2
NCBI Official Symbol	ASA2
NCBI Official Synonym Symbols	HNAC1; BCDase; LCDase; NCDase; N-CDase
NCBI Protein Information	neutral ceramidase
UniProt Protein Name	Neutral ceramidase
UniProt Gene Name	ASA2
UniProt Synonym Gene Names	HNAC1; N-CDase; NCDase; hCD
UniProt Entry Name	ASA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.