

Rabbit ASAH1 Polyclonal Antibody | anti-ASAH1 antibody

ASAH1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200741	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat	Immunohistochemistry, Western Blot

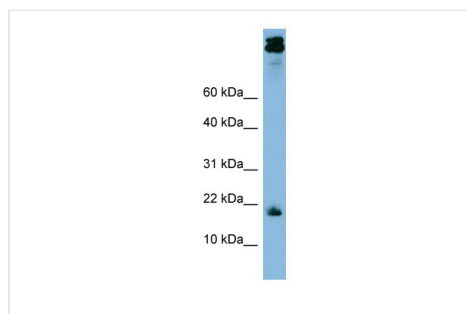
PRODUCT SYNONYMS

ASAH1; Polyclonal Antibody; ASAH1 antibody - middle region; anti-ASAH1 antibody

PRODUCT SPECIFICATIONS

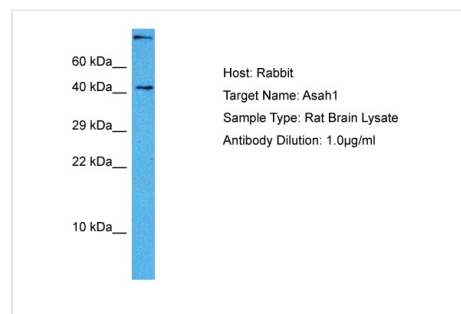
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: QSGEGCVITRDR KESLDVYELD AKQGRWYVQ TNYDRWKHPF FLDDRTP
Sequence Length	395
Applicable Applications for anti-ASAH1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 85%; Dog: 85%; Guinea Pig: 92%; Horse: 92%; Human: 100%; Mouse: 92%; Pig: 100%; Rat: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ASAH1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



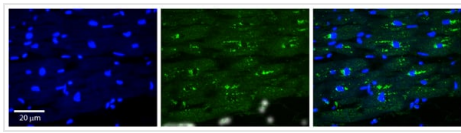
WB (Western Blot)

WB Suggested Anti-ASAH1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: THP-1 cell lysate



WB (Western Blot)

Host: Rat
Target Name: ASAH1
Sample Tissue: Rat Brain
Antibody Dilution: 1ug/ml



IHC (Immunohistochemistry)

Rabbit Anti-ASAH1 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human heart
Tissue
Observed Staining: Cytoplasmic in lysosomes
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-ASAH1 antibody	This is a rabbit polyclonal antibody against ASAH1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene encodes a heterodimeric protein consisting of a nonglycosylated alpha subunit and a glycosylated beta subunit that is cleaved to the mature enzyme posttranslationally. The encoded protein catalyzes the synthesis and degradation of ceramide into
Product Categories/Family for anti-ASAH1 antibody	Polyclonal; Signal Proteins; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	189011548
NCBI GeneID	427
NCBI Accession #	NP_808592
NCBI GenBank Nucleotide #	NM_177924
UniProt Accession #	Q13510
Molecular Weight	14kDa
NCBI Official Full Name	acid ceramidase isoform a preproprotein
NCBI Official Synonym Full Names	N-acylsphingosine amidohydrolase 1
NCBI Official Symbol	ASAH1
NCBI Official Synonym Symbols	AC; PHP; ASAH; PHP32; ACDase; SMAPME
NCBI Protein Information	acid ceramidase
UniProt Protein Name	Acid ceramidase
UniProt Gene Name	ASAH1
UniProt Synonym Gene Names	ASAH; AC; ACDase; Acid CDase; PHP32
UniProt Entry Name	ASAH1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/asah1-antibody-immunohistochemistry-western-blot-elisa/200741>