

Rabbit ACER1 Polyclonal Antibody | anti-ACER1 antibody

ACER1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201031	Rabbit	Cow, Dog, Guinea Pig, Human, Pig, Rabbit, Rat	Western Blot

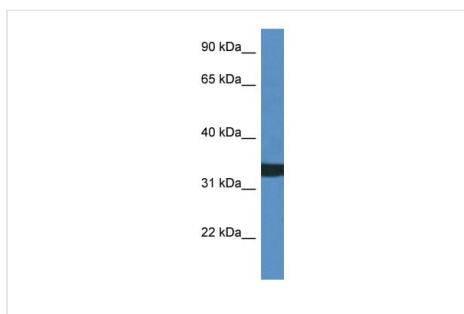
PRODUCT SYNONYMS

ACER1; Polyclonal Antibody; ACER1 antibody - C-terminal region; anti-ACER1 antibody

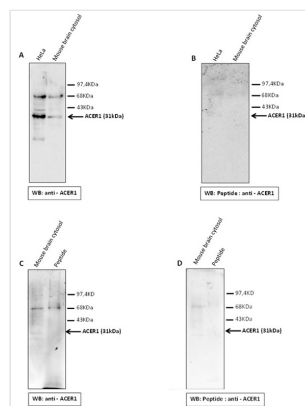
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Pig, Rabbit, 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 sequence: VN AYALNSIALH ILYIVCQEYR KTSNKLRLH IEVSVVLWAV ALTSWISD
Sequence Length	264
Applicable Applications for anti-ACER1 antibody	WB (Western Blot)
Homology	Cow: 79%; Dog: 92%; Guinea Pig: 75%; Human: 100%; Pig: 85%; Rabbit: 86%; Rat: 77%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ACER1
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-ACER1 Antibody Titration: 1.0 ug/ml Positive Control: HCT15 Whole Cell


WB (Western Blot)

Human hela and Mouse brain

ADDITIONAL INFORMATION

Related Product Information for anti-ACER1 antibody	This is a rabbit polyclonal antibody against ACER1. It was validated on Western Blot Target Description: ACER1 hydrolyzes the sphingolipid ceramide into sphingosine and free fatty acid at an optimal pH of 8.0. It has a highly restricted substrate specificity for the natural stereoisomer of ceramide with D-erythro-sphingosine but not D-ribo-phytosphingosine or D-erythro-dihydrosphingosine as a backbone. It may have a role in regulating the levels of bioactive lipids ceramide and sphingosine 1-phosphate, as well as complex sphingolipids.
Product Categories/Family for anti-ACER1 antibody	Polyclonal; Drugs and Drug Metabolism; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	19424128
NCBI GeneID	125981
NCBI Accession #	NP_597999
NCBI GenBank Nucleotide #	NM_133492
UniProt Accession #	Q8TDN7
Molecular Weight	31kDa
NCBI Official Full Name	alkaline ceramidase 1
NCBI Official Synonym Full Names	alkaline ceramidase 1
NCBI Official Symbol	ACER1
NCBI Official Synonym Symbols	ASAH3; ALKCDase1
NCBI Protein Information	alkaline ceramidase 1
UniProt Protein Name	Alkaline ceramidase 1
UniProt Gene Name	ACER1
UniProt Synonym Gene Names	ASAH3; AlkCDase 1; Alkaline CDase 1
UniProt Entry Name	ACER1_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.