

Rabbit anti-Human, mouse ACER3 Polyclonal Antibody | anti-ACER3 antibody

ACER3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285026	Rabbit	Human, mouse	Western Blot, ELISA, Flow Cytometry, Functional Assay

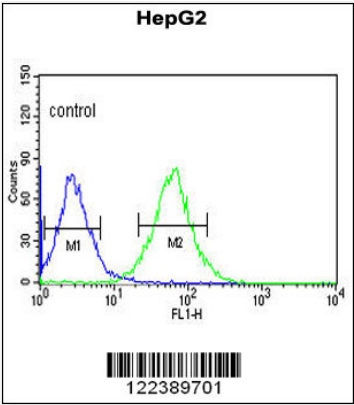
PRODUCT SYNONYMS

ACER3; Polyclonal Antibody; ACER3 Antibody (C-term); Alkaline ceramidase 3; AlkCDase 3; Alkaline CDase 3; 351-; Alkaline dihydroceramidase SB89; Alkaline phytoceramidase; aPHC; APHC; PHCA; anti-ACER3 antibody

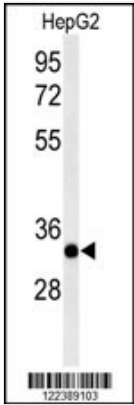
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACER3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 224-250 amino acids from the C-terminal region of human ACER3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	224-250
Sequence Length	134
Applicable Applications for anti-ACER3 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
ACER3 Antibody (C-term) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ACER3 Antibody (C-term) in HepG2 cell line lysates (35ug/lane). ACER3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ACER3 antibody	ACER3 hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity.
Product Categories/Family for anti-ACER3 antibody	Signal Transduction
References	Wheeler,H.E., et.al., PLoS Genet. 5 (10), E1000685 (2009) Mao,C. et.al., Biochim. Biophys. Acta 1781 (9), 424-434 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	170932467
NCBI GeneID	55331
NCBI Accession #	NP_060837.3
NCBI GenBank Nucleotide #	NM_018367.6
UniProt Accession #	Q9NUN7; B2RC99
Molecular Weight	31552
NCBI Official Full Name	alkaline ceramidase 3 isoform a
NCBI Official Synonym Full Names	alkaline ceramidase 3
NCBI Official Symbol	ACER3
NCBI Official Synonym Symbols	APHC; PHCA
NCBI Protein Information	alkaline ceramidase 3
UniProt Protein Name	Alkaline ceramidase 3
UniProt Gene Name	ACER3
UniProt Synonym Gene Names	APHC; PHCA; AlkCDase 3; Alkaline CDase 3; aPHC
UniProt Entry Name	ACER3_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.

