

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

PHCA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301091	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PHCA; Polyclonal Antibody; PHCA Antibody; Alkaline phytoceramidase; Aphc; Alkaline ceramidase; EC 3.5.1.-; Alkaline dihydroceramidase SB89; anti-PHCA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PHCA protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	267
Applicable Applications for anti-PHCA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PHCA.
Target Name	PHCA
Preparation and Storage	Store at -20 degree C

IMAGES



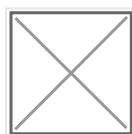
IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cells, using PHCA antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human placenta tissue using PHCA antibody.



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using PHCA antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PHCA antibody	Hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity.Mao C., J. Biol. Chem. 276:26577-26588(2001).Li N., Submitted (DEC-2000) to the EMBL/GenBank/DDBJ databases.Ota T., Nat. Genet. 36:40-45(2004).
Product Categories/Family for anti-PHCA antibody	Total protein Ab

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	15,895 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phca-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301091>