APHC Monoclonal Antibody

Catalog No	YP-mAb-02499
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	ACER3
Protein Name	Alkaline ceramidase 3
Immunogen	The antiserum was produced against synthesized peptide derived from human PHCA. AA range:171-220
Specificity	APHC Monoclonal Antibody detects endogenous levels of APHC protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ACER3; APHC; PHCA; Alkaline ceramidase 3; AlkCDase 3; Alkaline CDase 3; Alkaline dihydroceramidase SB89; Alkaline phytoceramidase; aPHC
Observed Band	35kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein .
Tissue Specificity	Ubiquitously expressed. Highly expressed in placenta (PubMed:11356846). Expressed in erythrocytes (PubMed:20207939).
Function	enzyme regulation:Activated by Ca(2+) and inhibited by Zn(2+).,function:Hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity.,similarity:Belongs to the alkaline ceramidase family.,tissue specificity:Ubiquitously expressed. Highest expression in placenta.,
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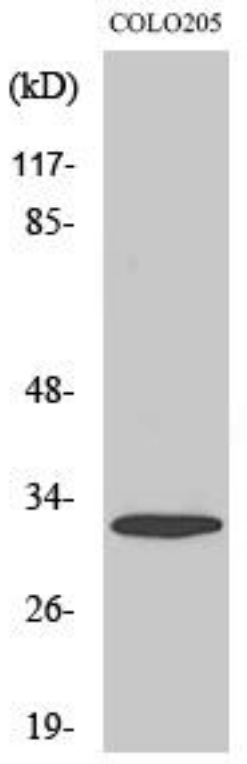
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using APHC Monoclonal Antibody