

Summary

Production Name	APHC Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ACER3
Alternative Names	ACER3; APHC; PHCA; Alkaline ceramidase 3; AlkCDase 3; Alkaline CDase 3; Alkaline dihydroceramidase SB89; Alkaline phytoceramidase; aPHC
Gene ID	55331.0
SwissProt ID	Q9NUN7.The antiserum was produced against synthesized peptide derived from human PHCA. AA range:171-220

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA 1:40000.Not yet tested in other applications.
Molecular Weight	35kDa

Product Name: APHC Rabbit Polyclonal Antibody
Catalog #: APRab07009



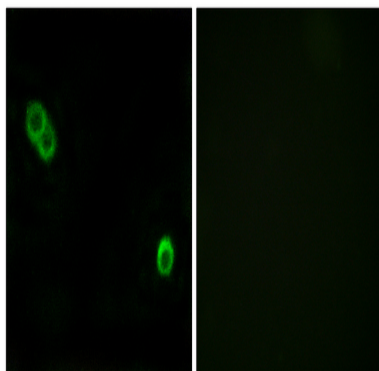
Background

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., 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.,

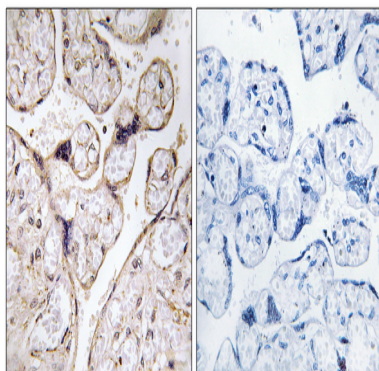
Research Area

Sphingolipid metabolism;

Image Data

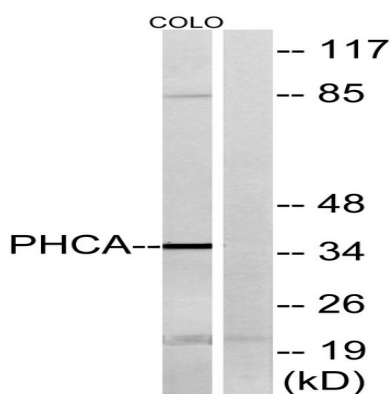


Immunofluorescence analysis of MCF7 cells, using PHCA Antibody. The picture on the right is blocked with the synthesized peptide.

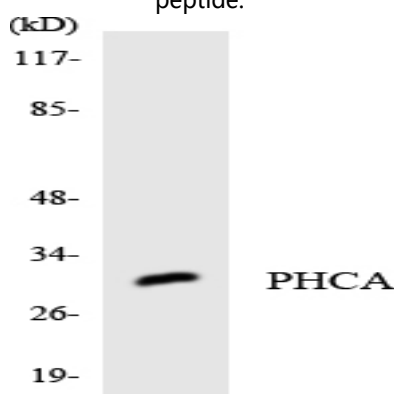


Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using PHCA Antibody. The picture on the right is blocked with the synthesized peptide.

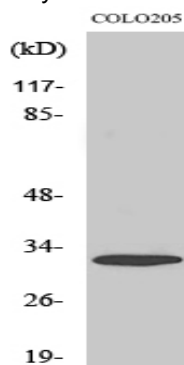
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Western blot analysis of lysates from COLO cells, using PHCA Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using PHCA antibody.



Western Blot analysis of various cells using APHC Polyclonal Antibody

Note

For research use only.