

APHC Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP00514

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PHCA. AA range:171-220

Mol wt 31566

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name APHC Antibody

Synonyms ACER3; APHC; PHCA; Alkaline ceramidase 3; AlkCDase 3; Alkaline CDase 3; Alkaline

dihydroceramidase SB89; Alkaline phytoceramidase; aPHC

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ACER3 (Alkaline Ceramidase 3) is a Protein Coding gene. Diseases associated with ACER3 include partial fetal alcohol syndrome and posterior amorphous corneal dystrophy. Among its related pathways are Metabolism and Sphingolipid metabolism. Hydrolyzes only phytoceramide into phytosphingosine and free fatty acid. Does not have reverse activity.

Recommended Dilution

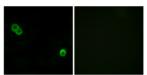
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 40000

Not yet tested in other applications.

Images



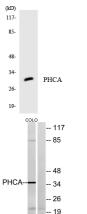
Western Blot analysis of various cells using APHC Polyclonal Antibody



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.



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

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

Storage

-20°C for one year

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