

PLCH1 Rabbit pAb

Catalog NO.: A12903

Basic Information

Observed MW

175kDa

Calculated MW

189kDa

Category

Polyclonal Antibodies

Applications

WB, ELISA

Cross-Reactivity

Rat

Conjugation

Unconjugated

Background

PLCH1 is a member of the PLC-eta family of the phosphoinositide-specific phospholipase C (PLC) superfamily of enzymes that cleave phosphatidylinositol 4,5-bisphosphate (PtdIns(4,5)P2) to generate second messengers inositol 1,4,5-trisphosphate (IP3) and diacylglycerol (DAG) (Hwang et al., 2005 [PubMed 15702972]).

Recommended Dilutions

WB 1:1000 - 1:3000

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

23007

Swiss Prot

Q4KWH8

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

HPE14; PLCL3; PLC-L3; PLC eta 1; PLCH1

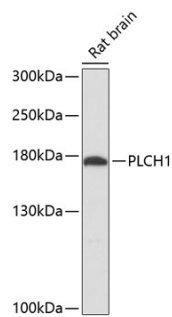
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.		

Validation Data



Western blot analysis of lysates from rat brain, using PLCH1 Rabbit pAb (A12903) at 1:3000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.

