

## Anti-PLCH1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P101551

### Product Information

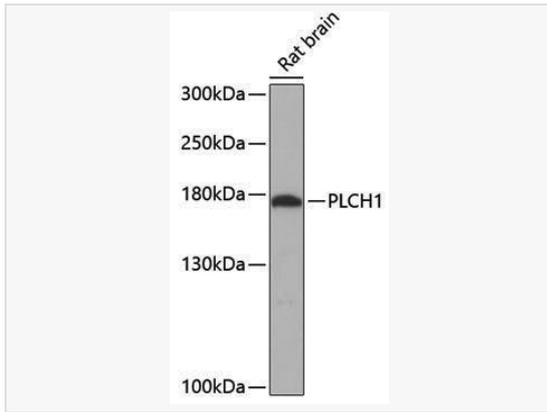
Application	WB, ELISA
Reactivity	Rat
Dilution	WB 1:1,000~1:3,000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1100-1400 of human PLCH1 (NP_055811.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PLCH1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	HPE14; PLCL3; PLC-L3; PLC eta 1; PLCH1.
Calculated MW	Calculated MW: 189 kDa; Observed MW: 175 kDa
Uniprot ID	Q4KWH8
Gene ID	23007
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)P <sub>2</sub> ) to generate second messengers inositol 1,4,5-trisphosphate (IP <sub>3</sub> ) and diacylglycerol (DAG) (Hwang et al., 2005 [PubMed 15702972]).

## Validation Images

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Western blot analysis of lysates from rat brain, using PLCH1 Rabbit pAb (P101551) at 1:3,000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25 $\mu$ g per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 90s.