

A14808

Leader in Biomolecular Solutions for Life Science



PLA2G6 Rabbit pAb

Catalog No.: A14808

Basic Information

Observed MW

Refer to figures

Calculated MW

83kDa/89kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables calcium-independent phospholipase A2 activity; palmitoyl-CoA hydrolase activity; and serine hydrolase activity. Involved in positive regulation of insulin secretion involved in cellular response to glucose stimulus. Predicted to be located in centriolar satellite; cytosol; and extracellular space. Predicted to be active in mitochondrion. Is expressed in 1st branchial arch maxillary component; olfactory placode; otic pit; and trunk somite. Used to study neurodegeneration with brain iron accumulation 2a. Human ortholog(s) of this gene implicated in dystonia 12; neuroaxonal dystrophy; and neurodegenerative disease (multiple). Orthologous to human PLA2G6 (phospholipase A2 group VI).

Recommended Dilutions

WB 1:500 - 1:2000

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

Immunogen Information

Gene ID

53357

Swiss Prot

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 350-450 of mouse PLA2G6 (NP_001185952.1).

Synonyms

iPLA2; PNPLA9; iPLA2beta; iPLA(2)beta; PLA2G6

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.