

Datasheet for ABIN5517655
anti-PLD3 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	PLD3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human PLD3
Sequence:	PNASTGNPST SQAWLGLLAG AHSSLDIASF YWTLTNNDTH TQEPSAQQGE
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against PLD3. It was validated on Western Blot.
Purification:	Affinity purified

Target Details

Target:	PLD3
Alternative Name:	PLD3 (PLD3 Products)
Background:	This gene encodes a member of the phospholipase D (PLD) family of enzymes that catalyze the

Target Details

hydrolysis of membrane phospholipids. The encoded protein is a single-pass type II membrane protein and contains two PLD phosphodiesterase domains. This protein influences processing of amyloid-beta precursor protein. Mutations in this gene are associated with Alzheimer disease risk. Alternatively spliced transcript variants encoding the same protein have been found for this gene.

Alias Symbols: PLD3,

Protein Interaction Partner: UBC, EGFR, SUMO1, NEDD8, NUDCD1, ERP44, FUBP1, PPP5C, EIF2S3, NFKB1, FBXO6, SPP1, TK1, BCL2L1, ANXA7, HGS,

Protein Size: 490

Gene ID: 23646

NCBI Accession: [XP_006723187](#)

UniProt: [Q8IV08](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

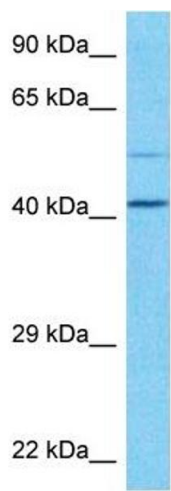
Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: PLD3 Sample Type: U937 Whole Cell lysates Antibody Dilution: 1.0ug/ml