

Gdpd1 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI15615

Product Information

Application	WB
Primary Accession	Q0VGK4
Other Accession	NM_001044238 , NP_001037703
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35811

Additional Information

Gene ID	303407
Alias Symbol	RGD1311813
Other Names	Glycerophosphodiester phosphodiesterase domain-containing protein 1, 3.1.-., Gdpd1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Gdpd1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Gdpd1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

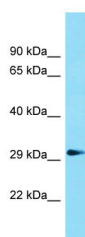
Protein Information

Name	Gdpd1 {ECO:0000312 RGD:1311813}
Function	Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines. Shows a preference for 1-O-alkyl-sn-glycero-3-phosphocholine (lyso-PAF), lysophosphatidylethanolamine (lyso-PE) and lysophosphatidylcholine (lyso-PC). May be involved in bioactive N-acylethanolamine biosynthesis from both N-acyl-lysoplasmeneylethanolamin (N-acyl-lysoPlsEt) and N-acyl-lysophosphatidylethanolamin (N-acyl-lysoPE). In addition, hydrolyzes glycerophospho-N-acylethanolamine to N-acylethanolamine. Does not display glycerophosphodiester phosphodiesterase activity, since it cannot hydrolyze either glycerophosphoinositol or glycerophosphocholine.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8N9F7}. Membrane {ECO:0000250|UniProtKB:Q8N9F7}; Multi-pass membrane protein. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q8N9F7}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q8N9F7}.
Note=Concentrated at the perinuclear region and the cell periphery. {ECO:0000250|UniProtKB:Q8N9F7}

Images



Host: Rabbit
Target Name: Gdpd1
Sample Tissue: Rat Muscle lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.