

Gdpd1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15615**Specification**

Gdpd1 Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q0VGK4
Other Accession	NM_001044238 , NP_001037703
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34kDa KDa

Gdpd1 Antibody - N-terminal region - 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.

Gdpd1 Antibody - N-terminal region - 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-acyl ethanolamine biosynthesis from both N-acyl-lysoplasmene ethanolamine (N-acyl-lysoPlsEt) and N-acyl-lysophosphatidylethanolamine (N-acyl-lysoPE). In addition, hydrolyzes glycerophospho-N-acyl ethanolamine to N-acyl ethanolamine. Does not display glycerophosphodiester phosphodiesterase activity, since it cannot hydrolyze either

glycerophosphoinositol or glycerophosphocholine.

Cellular Location

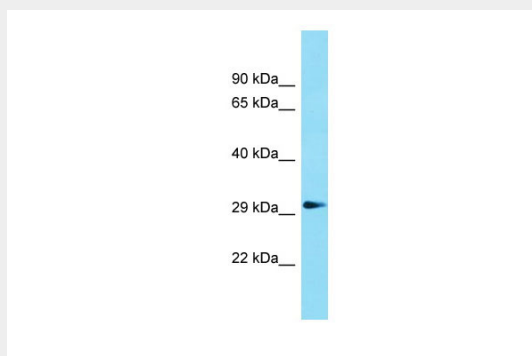
Cytoplasm {ECO:0000250|UniProtKB:Q8N9F7}. Membrane {ECO:0000250|UniProtKB:Q8N9F7}; Multi-pass membrane protein. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q8N9F7}. Endoplasmic reticulum {ECO:0000250|UniProtKB:Q8N9F7}. Note=Concentrated at the perinuclear region and the cell periphery. {ECO:0000250|UniProtKB:Q8N9F7}

Gdpd1 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Gdpd1 Antibody - N-terminal region - Images



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