

GDPD1 rabbit pAb

Catalog No :	YT7770
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	GDPD1
Fields :	>>Ether lipid metabolism;>>Metabolic pathways
Gene Name :	GDPD1 GDE4
Protein Name :	GDPD1
Human Gene Id :	284161
Human Swiss Prot No :	Q8N9F7
Mouse Gene Id :	66569
Mouse Swiss Prot No :	Q9CRY7
Rat Gene Id :	303407
Rat Swiss Prot No :	Q0VGK4
Immunogen :	Synthesized peptide derived from human GDPD1 AA range: 247-297
Specificity :	This antibody detects endogenous levels of GDPD1 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Molecularweight : 35kD

Background : This gene encodes a member of the glycerophosphodiester phosphodiesterase family of enzymes that catalyze the hydrolysis of deacylated glycerophospholipids to glycerol phosphate and alcohol. The encoded protein is localized to the cytoplasm and concentrates near the perinuclear region. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009],

Function : similarity:Belongs to the glycerophosphoryl diester phosphodiesterase family.,similarity:Contains 1 GDPD domain.,tissue specificity:Detected in placenta, liver, kidney, pancreas, spleen, thymus, ovary, small intestine and peripheral blood leukocytes.,

Subcellular Location : Cytoplasm . Membrane ; Multi-pass membrane protein . Cytoplasm, perinuclear region . Endoplasmic reticulum . Concentrated at the perinuclear region and the cell periphery (PubMed:18991142). .

Expression : Widely expressed with high expression level in testis.

Sort : 6540

No4 : 1

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