SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DOLPP1 antibody

Catalog Number: SL14407R

FOR RESEARCH USE ONLY

[DATASHEET]

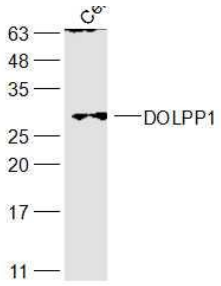
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DOLPP1
Immunogen:	KLH conjugated synthetic peptide derived from human DOLPP1: 151-238/238
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse, Rat, (predicted: Human, Chicken, Dog, Pig, Cow, Horse, Sheep)
Predicted MW.:	27kDa
Subcellular Location:	cytoplasmic
Background:	A similar gene has been characterized in mice and encodes dolichyl pyrophosphate (Dol-P-P) phosphatase. This protein dephosphorylates dolichyl pyrophosphate so that it may be re-utilized as a glycosyl carrier lipid by the oligosaccharyltransferase multisubunit complex in the ER. Alternative splicing results in multiple transcript variants and protein isoforms. [provided by RefSeq, Jun 2012] **Function:** DOLPP1 is a multi-pass membrane protein(By similarity). It belongs to the dolichyldiphosphatase family. It is required for efficient N-glycosylation and is necessary for maintaining optimal levels of dolichol-linked oligosaccharides. DOLPP1 hydrolyzes dolichyl pyrophosphate at a very high rate and dolichyl monophosphate at a much lower rate. It does not act on phosphatidate

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

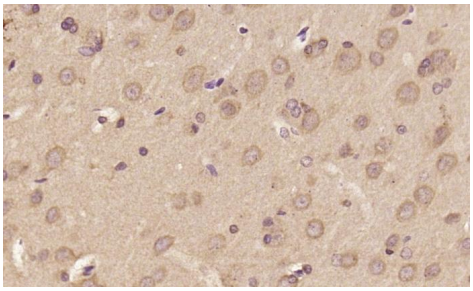
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	Subcellular Location: Endoplasmic reticulum membrane; Multi-pass membrane protein (By similarity). **Similarity:** Belongs to the dolichyldiphosphatase family. **Database links:** **Entrez Gene:** 57171 Human **Entrez Gene:** 57170 Mouse **Entrez Gene:** 296624 Rat **SwissProt:** Q86YN1 Human **SwissProt:** Q9JMF7 Mouse

[VALIDATION IMAGES]



Sample:
Cerebrum (Mouse) Lysate at 40 ug
Primary: Anti-DOLPP1 (SL14407R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 27 kD
Observed band size: 27 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DOLPP1) Polyclonal Antibody, Unconjugated (SL14407R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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