

DOLPP1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55561

Specification

DOLPP1 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>Q86YN1</u>

Reactivity Rat, Pig, Dog, Bovine Host Rabbit

Clonality Polyclonal
Calculated MW 27 KDa
Physical State Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human DOLPP1

Epitope Specificity 151-238/238

Isotype Purity

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Endoplasmic reticulum membrane;

Multi-pass membrane protein (By

similarity).

SIMILARITY Belongs to the dolichyldiphosphatase

family.

Important Note This product as supplied is intended for

research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

affinity purified by Protein A

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 RefSeg, Jun 2012]

DOLPP1 Polyclonal Antibody - Additional Information

Gene ID 57171

Other Names

Dolichyldiphosphatase 1, 3.6.1.43, Dolichyl pyrophosphate phosphatase 1, DOLPP1, LSFR2

Dilution

WB~~1:1000/>span class

="dilution_IHC-P">IHC-P~~N/A<br \> <span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution_IF">IF~~1:50~200<br \> < span class = "dilution_ICC">ICC~~N/A < br \> < span class = "dilution_ICC">ICC~~N/A < span class = "dilution_ICC">ICC~~N/A < span class = "dilution_ICC">ICC~



\>E~~N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DOLPP1 Polyclonal Antibody - Protein Information

Name DOLPP1

Synonyms LSFR2

Function

Required for efficient N-glycosylation. Necessary for maintaining optimal levels of dolichol-linked oligosaccharides. Hydrolyzes dolichyl pyrophosphate at a very high rate and dolichyl monophosphate at a much lower rate. Does not act on phosphatidate (By similarity).

Cellular Location

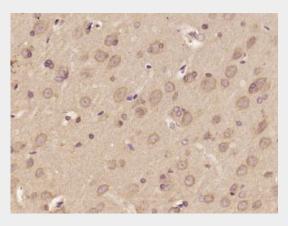
Endoplasmic reticulum membrane; Multi-pass membrane protein

DOLPP1 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

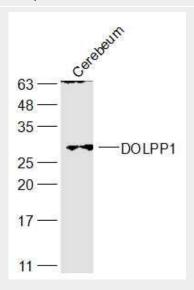
DOLPP1 Polyclonal Antibody - Images



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 (bs-14407R) at 1:400 overnight at 4°C, followed by



operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample:

Cerebrum (Mouse) Lysate at 40 ug

Primary: Anti-DOLPP1 (bs-14407R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 27 kD Observed band size: 27 kD