

GOLPH4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55179

Specification

GOLPH4 Polyclonal Antibody - Product Information

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

Primary Accession 000461

Rat, Pig, Dog, Bovine Reactivity

Host **Rabbit** Clonality **Polyclonal** Calculated MW 82 KDa **Physical State** Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human GOLPH4

121-220/696 **Epitope Specificity**

Isotype **Purity** affinity purified by Protein A

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

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Golgi apparatus; Golgi stack membrane.

Endosome membrane. Localizes to cis and

medial Golgi cisternae. Probably cycles

between early Golgi and distal compartments like endosome. Belongs to the GOLIM4 family.

SIMILARITY

Post-translational modifications Phosphorvlated probably by

c-AMP-dependent kinases in its lumenal part. O-glycosylated; modified by sialic acid residues. N-glycosylated; N-glycans are probably of the complex type and

modified by sialic acid residues.

This product as supplied is intended for Important Note

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

Background Descriptions

The Golgi complex plays a key role in the sorting and modification of proteins exported from the endoplasmic reticulum. The protein encoded by this gene is a type II Golgi-resident protein. It may process proteins synthesized in the rough endoplasmic reticulum and assist in the transport of protein cargo through the Golgi apparatus. [provided by RefSeq, Jul 2008].

GOLPH4 Polyclonal Antibody - Additional Information

Gene ID 27333

Other Names

Golgi integral membrane protein 4, Golgi integral membrane protein, cis, GIMPc, Golgi



phosphoprotein 4, Golgi-localized phosphoprotein of 130 kDa, Golgi phosphoprotein of 130 kDa, GOLIM4, GIMPC, GOLPH4, GPP130

Dilution

IHC-P~~N/A<br \> <span class
="dilution_IHC-F">IHC-F~~N/A<br \> <span class
="dilution_IF">IF~~1:50~200<br \> ICC~~N/A<br \> E~~N/A

Storage

Store at -20 $^{\circ}$ 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 $^{\circ}$ C.

GOLPH4 Polyclonal Antibody - Protein Information

Name GOLIM4

Synonyms GIMPC, GOLPH4, GPP130

Function

Plays a role in endosome to Golgi protein trafficking; mediates protein transport along the late endosome-bypass pathway from the early endosome to the Golgi.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single- pass type II membrane protein. Endosome membrane; Single-pass type II membrane protein. Membrane; Lipid-anchor Note=Localizes to cis and medial Golgi cisternae. Probably cycles between early Golgi and distal compartments like endosome

GOLPH4 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

GOLPH4 Polyclonal Antibody - Images