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GOLPH4 Rabbit pAb

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Catalog # AP55179

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O00461
Predicted	Rat, Pig, Dog, Human, Mouse, Rabbit, Monkey, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81880
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GOLPH4
Epitope Specificity	121-220/696
Isotype	IgG
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.
Important Note	This product as supplied is intended for 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].

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=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

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

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.