

Membrin Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57249**Specification**

Membrin Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O14653
Reactivity	Rat, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Membrin
Epitope Specificity	101-200/212
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 membrane.
SIMILARITY	Belongs to the GOSR2 family.
DISEASE	Epilepsy, progressive myoclonic 6 (EPM6) [MIM:614018]: A neurologic disorder characterized by onset of ataxia in the first years of life, followed by action myoclonus and seizures later in childhood, and loss of independent ambulation in the second decade. Cognition is not usually affected, although mild memory difficulties may occur in the third decade.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

This gene encodes a trafficking membrane protein which transports proteins among the medial- and trans-Golgi compartments. Due to its chromosomal location and trafficking function, this gene may be involved in familial essential hypertension. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Membrin Polyclonal Antibody - Additional Information**Gene ID** 9570**Other Names**

Golgi SNAP receptor complex member 2, 27 kDa Golgi SNARE protein, Membrin, GOSR2, GS27

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
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.

Membrin Polyclonal Antibody - Protein Information

Name GOSR2

Synonyms GS27

Function

Involved in transport of proteins from the cis/medial-Golgi to the trans-Golgi network.

Cellular Location

Golgi apparatus, cis-Golgi network membrane; Single-pass type IV membrane protein. Golgi apparatus membrane Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:O35165}
Note=Concentrated most in the intermediate compartment/cis-Golgi network and the cis-Golgi cisternae 1 and 2. Greatly reduced in concentration at the trans end of the Golgi apparatus {ECO:0000250|UniProtKB:O35165}

Membrin 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 Cytometry](#)
- [Cell Culture](#)

Membrin Polyclonal Antibody - Images