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GOSR2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7433a

Specification

GOSR2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O14653

GOSR2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 9570

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

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7433a was selected from the N-term region of human GOSR2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GOSR2 Antibody (N-term) Blocking Peptide - 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}

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GOSR2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

GOSR2 Antibody (N-term) Blocking Peptide - Images

GOSR2 Antibody (N-term) Blocking Peptide - Background

GOSR2 is a trafficking membrane protein which transports proteins among the medial- and trans-Golgi compartments. Due to its chromosomal location and trafficking function, this protein may be involved in familial essential hypertension.

GOSR2 Antibody (N-term) Blocking Peptide - References

Lowe S.L., Peter F., Subramaniam V.N.Nature 389:881-884(1997)Bui T.D., Levy E.R., Subramaniam V.N.Genomics 57:285-288(1999)