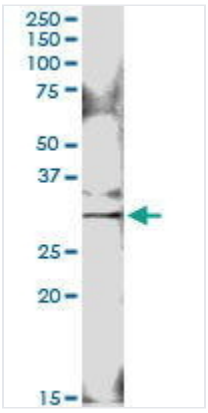
GOSR1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GOSR1, Polyclonal Antibody
Full Product Name	GOSR1 (Golgi SNAP Receptor Complex Member 1, 28 kDa Golgi SNARE Protein, 28 kDa cis-Golgi SNARE p28, GOS-28, GS28)
Product Gene Name	anti-GOSR1 antibody
Product Synonym Names	Anti -GOSR1 (Golgi SNAP Receptor Complex Member 1, 28 kDa Golgi SNARE Protein, 28 kDa cis-Golgi SNARE p28, GOS-28, GS28)
Immunogen Sequence	MAAGTSSYWE DLRKQARQLE NELDLKLVSF SKLCTSYSHS STRDGRRDRY SSDTTPLLNG SSQDRMFETM AIEIEQLLAR LTGVNDKMAE YTNSAGVPSL NAALMHTLQR HRDILQDYTH EFHKTKANFM AIRERENLMG SVRKDIESYK SGSGVNNRRT ELFLKEHDHL RNSDRLIEET ISIAMATKEN MTSQRGMLKS IHSKMNTLAN RFPAVNSLIQ RINLRKRRDS LILGGVIGIC TILLLLYAFH
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rabbit
Form/Format	Supplied as a liquid.
Purity/Purification	Serum Serum
Specificity	Recognizes human GOSR1.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	28,613 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (28804426..28853832). Location: 17q11
OMIM	604026
3D Structure	ModBase 3D Structure for O95249
Immunogen	Full length human GOSR1, aa1-250 (NP_004862.1).
Product Categories/Family for anti-GOSR1 antibody	Antibodies; Abs to Golgi Proteins
Applications Tested/Suitable for anti-GOSR1 antibody	Immunoprecipitation (IP)
Application Notes for anti-GOSR1 antibody	Suitable for use in Immunoprecipitation.
Related Product Information for anti-GOSR1 antibody	GOSR1 is involved in transport from the ER to the Golgi apparatus as well as in intra-Golgi transport (By similarity).
Other Notes	Small volumes of anti-GOSR1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for GOSR1 purchase	MBS6001981 is an antibody targeting GOSR1. Also known as GOSR1 (Golgi SNAP Receptor Complex Member 1, 28 kDa Golgi SNARE Protein, 28 kDa cis-Golgi SNARE p28, GOS-28, GS28). Reactive in Human, Rabbit. Host: Rabbit.



Immunoprecipitation (IP) of anti-GOSR1 antibody
Immunoprecipitation of GOSR1 transfected lysate using GOSR1 rabbit polyclonal antibody and Protein A Magnetic Bead and immunoblotted with GOSR1 mouse polyclonal antibody

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GOSR1. It may not necessarily be applicable to this product.

NCBI GI #	15214981
NCBI GeneID	9527
NCBI Accession #	AAH12620.1
UniProt Primary Accession #	O95249
UniProt Secondary Accession #	O75392; J3KST5
UniProt Related Accession #	O95249
NCBI Official Full Name	GOSR1 protein
NCBI Official Synonym Full Names	golgi SNAP receptor complex member 1
NCBI Official Symbol	GOSR1
NCBI Official Synonym Symbols	P28; GS28; GOS28; GOLIM2; GOS-28; GOS28/P28
UniProt Protein Name	Golgi SNAP receptor complex member 1
UniProt Synonym Protein Names	28 kDa Golgi SNARE protein; 28 kDa cis-Golgi SNARE p28
Protein Family	Golgi SNAP receptor complex
UniProt Gene Name	GOSR1
UniProt Synonym Gene Names	GS28; GOS-28
UniProt Entry Name	GOSR1_HUMAN
NCBI Protein Information	Golgi SNAP receptor complex member 1; cis-golgi SNARE; Golgi SNARE 28 kDa; 28 kDa Golgi SNARE protein; 28 kDa cis-Golgi SNARE p28; golgi integral membrane protein 2
NCBI Summary for GOSR1	This gene encodes a trafficking membrane protein which transports proteins among the endoplasmic reticulum and the Golgi and between Golgi compartments. This protein is considered an essential component of the Golgi SNAP receptor (SNARE) complex. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

UniProt Comments for GOSR1	GOSR1: a single-pass type IV Golgi membrane protein. Enriched on vesicular components at the terminal rims of the Golgi. Involved in transport from the ER to the Golgi apparatus as well as in intra-Golgi transport. Identified in a unique SNARE complex composed of the Golgi SNAREs GOSR2, STX5, GABARAPL2 and YKT6. Protein type: Autophagy; Membrane protein, integral; Vesicle Chromosomal Location of Human Ortholog: 17q11 Cellular Component: SNARE complex; Golgi membrane; Golgi apparatus; cis-Golgi network; membrane; integral to membrane Molecular Function: SNAP receptor activity Biological Process: intra-Golgi vesicle-mediated transport; protein transport; ER to Golgi vesicle-mediated transport; retrograde transport, endosome to Golgi
Research Articles on GOSR1	**1.** GS28 may potentiate cells to DNA-damage-induced apoptosis by inhibiting the ubiquitination and degradation of p53.
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