Anti-GS28 antibody

Description	Rabbit polyclonal to GS28.

Model	STJ93443
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human GS28
Immunogen Region	30-110 aa, N-terminal
Gene ID	9527
Gene Symbol	GOSR1
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	GS28 Polyclonal Antibody detects endogenous levels of GS28 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Golgi SNAP receptor complex member 1 28 kDa Golgi SNARE protein 28 kDa cis-Golgi SNARE p28 GOS-28
Molecular Weight	28.613 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:4430OMIM:604026
Alternative Names	Golgi SNAP receptor complex member 1 28 kDa Golgi SNARE protein 28 kDa cis-Golgi SNARE p28 GOS-28
Function	Involved in transport from the ER to the Golgi apparatus as well as in intra-Golgi transport. It belongs to a super-family of proteins called t-SNAREs or soluble NSF (N-ethylmaleimide-sensitive factor) attachment protein receptor. May play a protective role against hydrogen peroxide induced cytotoxicity under glutathione depleted conditions in neuronal cells by regulating the intracellular ROS levels via inhibition of p38 MAPK (MAPK11, MAPK12, MAPK13 and MAPK14). Participates in docking and fusion stage of ER to cis-Golgi transport. Plays an important physiological role in VLDL-transport vesicle-Golgi fusion and thus in VLDL delivery to the hepatic cis-Golgi.
Cellular Localization	Golgi apparatus membrane. Localizes throughout the Golgi apparatus, with lowest levels in the trans-Golgi network . Enriched on vesicular components at the terminal rims of the Golgi. Found in Golgi microtubules at low temperature (15 degrees Celsius).