

Immunotag™ GS28 Antibody

Antibody Specification	
Catalog No.	ITA2125
Product Description	Immunotag™ GS28 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GS28
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human GS28
Specificity	GS28 Antibody detects endogenous levels of total GS28
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GOSR1
Accession No.	O95249
Alternate Names	28 kDa cis Golgi SNARE p28; 28 kDa Golgi SNARE protein; cis-golgi SNARE; golgi integral membrane protein 2; Golgi SNAP receptor complex member 1; Golgi SNARE 28 kDa; GOLIM2; GOS28; GOS28/P28; GOSR1; GS25; Gs28; P28;

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	37kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.