

GS28 Polyclonal Antibody

Catalog No :	YT2078
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	GS28
Fields :	>>SNARE interactions in vesicular transport
Gene Name :	GOSR1
Protein Name :	Golgi SNAP receptor complex member 1
Human Gene Id :	9527
Human Swiss Prot No :	O95249
Mouse Swiss Prot No :	O88630
Immunogen :	The antiserum was produced against synthesized peptide derived from human GOSR1. AA range:11-60
Specificity :	GS28 Polyclonal Antibody detects endogenous levels of GS28 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 28kD

Cell Pathway : SNARE interactions in vesicular transport;

Background : 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],

Function : function:Involved in transport from the ER to the Golgi apparatus as well as in intra-Golgi transport.,similarity:Belongs to the GOSR1 family.,subcellular location:Enriched on vesicular components at the terminal rims of the Golgi.,subunit:Interacts with GABARAPL2. Identified in a unique SNARE complex composed of the Golgi SNAREs GOSR2, STX5 and YKT6.,

Subcellular Location : Golgi apparatus membrane ; Single-pass type IV membrane protein . Localizes throughout the Golgi apparatus, with lowest levels in the trans-Golgi network (By similarity). Enriched on vesicular components at the terminal rims of the Golgi. Found in Golgi microtubules at low temperature (15 degrees Celsius). .

Expression : Colon carcinoma,Prostate,Testis,Umbilical cord blood,

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