

For Research Use Only

GPSN2 Recombinant antibody

Catalog Number: 83592-4-RR



Basic Information

Catalog Number: 83592-4-RR	GenBank Accession Number: BC002425	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9524	CloneNo.: 240472D4
Source: Rabbit	UNIPROT ID: Q9NZ01	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: glycoprotein, synaptic 2	
Immunogen Catalog Number: AG32598	Calculated MW: 36 kDa	
	Observed MW: 32-36 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, human placenta tissue IF/ICC : U-251 cells,

Background Information

Glycoprotein synaptic 2 (GPSN2), also known as TER and TECR, functions as a trans-2,3-enoyl-CoA reductase and reduces long and very long chain fatty acid trans-2,3-enoyl-CoA substrates (PMID: 12482854).

Storage

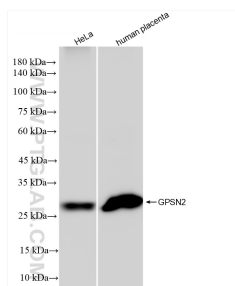
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

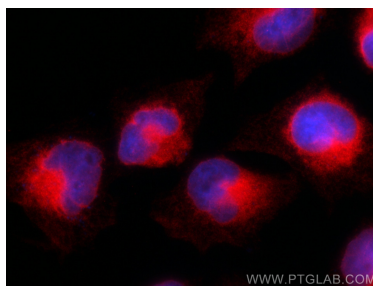
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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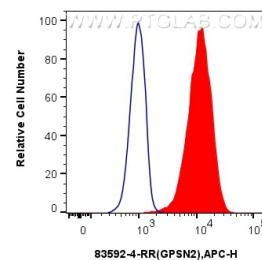
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83592-4-RR (GPSN2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using GPSN2 antibody (83592-4-RR, Clone: 240472D4) at dilution of 1:400 and CoraLite® 594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).



1x10⁶ U-251 cells were intracellularly stained with 0.25 ug GPSN2 Recombinant antibody (83592-4-RR, Clone:240472D4) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).