

For Research Use Only

GPSN2 Recombinant antibody

Catalog Number: 83592-4-RR



Basic Information

Catalog Number:

83592-4-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG32598

GenBank Accession Number:

BC002425

GeneID (NCBI):

9524

UNIPROT ID:

Q9NZ01

Full Name:

glycoprotein, synaptic 2

Calculated MW:

36 kDa

Observed MW:

32-36 kDa

Purification Method:

Protein A purification

CloneNo.:

240472D4

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

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

For technical support and original validation data for this product please contact:

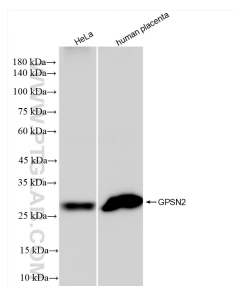
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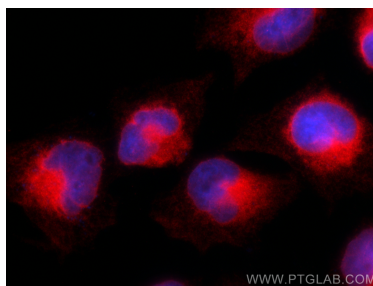
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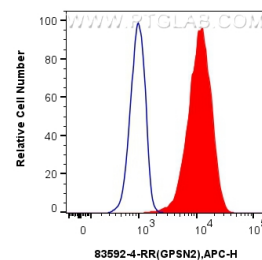
Selected Validation Data



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).