

For Research Use Only

# GPSN2 Polyclonal antibody

Catalog Number: 30047-1-AP



## Basic Information

### Catalog Number:

30047-1-AP

### Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

### 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:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human

### Positive Controls:

WB : HeLa cells,

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

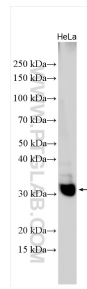
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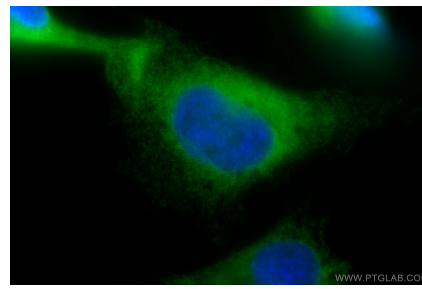
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## Selected Validation Data



HeLa cells lysates were subjected to SDS PAGE followed by western blot with 30047-1-AP (GPSN2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using GPSN2 antibody (30047-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).