

For Research Use Only

# GPSN2 Polyclonal antibody

Catalog Number: 30047-1-AP



## Basic Information

<b>Catalog Number:</b> 30047-1-AP	<b>GenBank Accession Number:</b> BC002425	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 9524	<b>Recommended Dilutions:</b> WB 1:500-1:3000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NZ01	<b>IF/ICC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> glycoprotein, synaptic 2	
<b>Immunogen Catalog Number:</b> AG32598	<b>Calculated MW:</b> 36 kDa	
	<b>Observed MW:</b> 32-36 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, <b>IF/ICC :</b> 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:

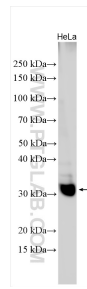
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

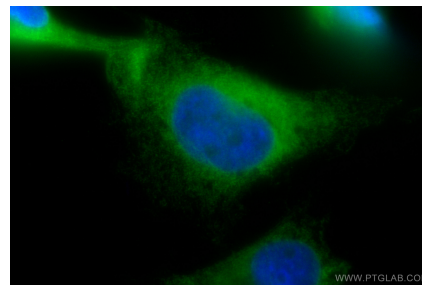
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## Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L).