

For Research Use Only

# GSG1L Polyclonal antibody

Catalog Number: 17328-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 17328-1-AP	<b>GenBank Accession Number:</b> BC016460	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 ug/ml by Nanodrop and 213 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 146395	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6UXU4	
<b>Isotype:</b> IgG	<b>Full Name:</b> GSG1-like	
<b>Immunogen Catalog Number:</b> AG11307	<b>Calculated MW:</b> 176 aa, 21 kDa	
	<b>Observed MW:</b> 36-43 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> Raji cells, U-251 cells, SGC-7901 cells, mouse brain tissue, mouse liver tissue, rat brain tissue, rat liver tissue
<b>Cited Species:</b> rat	<b>IHC :</b> human tonsillitis tissue,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

GSG1L is a component of the inner core of AMPAR complex. It modifies AMPA receptor (AMPA) gating. GSG1L is mainly present on B lymphocytes. This antibody can recognize all the 4 isoforms of GSG1L. GSG1L was detected the isoform of 43 kDa in rat brain (PMID: 22813734).

## Notable Publications

Author	Pubmed ID	Journal	Application
Amanda M Perozzo	37884493	Nat Commun	

## Storage

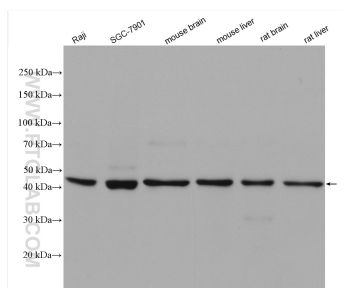
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

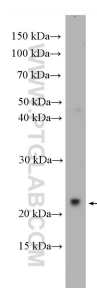
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

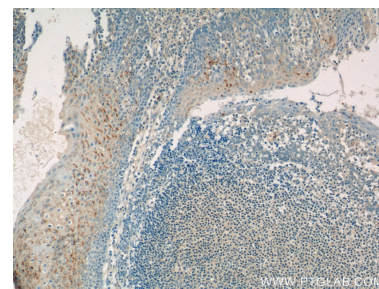
## Selected Validation Data



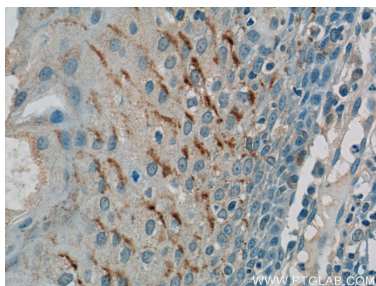
Various lysates were subjected to SDS PAGE followed by western blot with 17328-1-AP (GSG1L antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



U-251 cells were subjected to SDS PAGE followed by western blot with 17328-1-AP (GSG1L antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17328-1-AP (GSG1L Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17328-1-AP (GSG1L Antibody) at dilution of 1:50 (under 40x lens).