

For Research Use Only

# EXOC8 Polyclonal antibody

Catalog Number: 31523-1-AP



## Basic Information

<b>Catalog Number:</b> 31523-1-AP	<b>GenBank Accession Number:</b> BC035763	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 149371	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8IYI6	<b>IF/ICC 1:50-1:500</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> exocyst complex component 8	
<b>Immunogen Catalog Number:</b> AG33300	<b>Calculated MW:</b> 725 aa, 82 kDa	
	<b>Observed MW:</b> 82 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>WB :</b> HuH-7 cells, mouse testis tissue, rat testis tissue
	<b>IF/ICC :</b> A431 cells,

## Background Information

EXOC8 is a subunit of the exocyst complex involved in docking exocytic vesicles with fusion sites on the plasma membrane. Truncated EXOC8 protein leads to the improper assembly of the exocyst complex, thus resulting in the accumulation of neurotransmitters and other excretory vesicles in the cell. It is found to play an essential role in normal cortical development and its perturbation causes complex brain disorders. EXOC8 mutations are linked to neurodevelopmental disorders with microcephaly, seizures, and brain atrophy (PMID: 35460391, PMID: 36344539).

## Storage

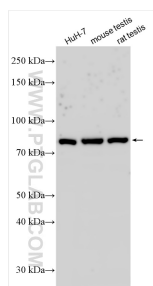
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

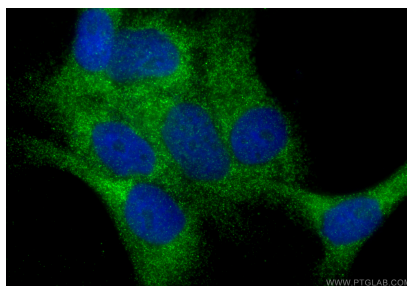
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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 31523-1-AP (EXOC8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using EXOC8 antibody (31523-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).