

For Research Use Only

# ERMN Polyclonal antibody

Catalog Number: 31432-1-AP



## Basic Information

<b>Catalog Number:</b> 31432-1-AP	<b>GenBank Accession Number:</b> BC026345	<b>Purification Method:</b> Antigen affinity Purification
<b>Size:</b> 650 µg/ml	<b>GeneID (NCBI):</b> 57471	<b>Recommended Dilutions:</b> WB 1:1000-1:5000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TAM6	
<b>Isotype:</b> IgG	<b>Full Name:</b> ermin, ERM-like protein	
<b>Immunogen Catalog Number:</b> AG35648	<b>Observed MW:</b> 45 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat brain tissue, rat cerebellum tissue
<b>Species Specificity:</b> Human, rat	

## Background Information

ERMN is associated with cytoskeletal rearrangements and the stability of myelin sheath. A study has shown that ERMN is expressed specifically in oligodendrocytes in the central nervous system (CNS), and is involved in the formation of myelin (PMID: 20934411). The predicted MW of ERMN is 33 kDa, while western blot analyses detected a 45 kDa single band protein as a result of phosphorylation modification.

## 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:

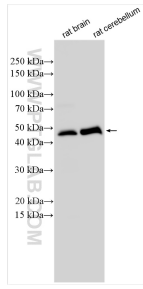
T: 4006900926

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

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31432-1-AP (ERMN antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.