

For Research Use Only

# Peripherin Monoclonal ANTIBODY



Catalog Number: 66317-1-Ig

## Basic Information

Catalog Number:  
66317-1-Ig

Size:  
150 µg/150 µl

Source:  
Mouse

Isotype:  
IgG2b

Purification Method:  
Protein A purification

Immunogen Catalog Number:  
AG11116

GenBank Accession Number:  
BC032703

GeneID (NCBI):  
5630

Full Name:  
peripherin

Calculated MW:  
470aa, 54 kDa

Observed MW:  
50-54 kDa

Recommended Dilutions:  
WB 1:1000-1:6000  
IHC 1:20-1:200

## Applications

Tested Applications:  
IHC, WB, ELISA

Species Specificity:  
human, rat, pig

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

Positive Controls:

WB : rat brain tissue; human colon tissue, rat colon  
tissue

IHC : human brain tissue; human colon tissue

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
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## 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

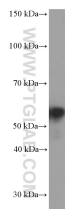
For technical support and original validation data for this  
product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll  
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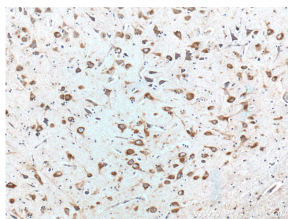
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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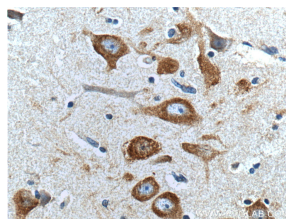
## Selected Validation Data



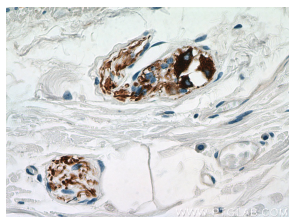
rat brain tissue were subjected to SDS PAGE followed by western blot with 66317-1-Ig (Peripherin Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 66317-1-Ig (Peripherin antibody) at dilution of 1:100 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66317-1-Ig (Peripherin Antibody) at dilution of 1:1000 (under 40x lens).