

For Research Use Only

TUBB3-specific/TUJ1 Recombinant antibody

Catalog Number: 80128-3-RR



Basic Information

Catalog Number:

80128-3-RR

Size:

100ul, Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001197181

GeneID (NCBI):

10381

UNIPROT ID:

Q13509

Full Name:

tubulin, beta 3

Calculated MW:

55 kDa

Observed MW:

50-55 kDa

Purification Method:

Protein A purification

CloneNo.:

250851G10

Recommended Dilutions:

WB: 1:5000-1:50000

IHC: 1:2000-1:8000

IF-P: 1:250-1:1000

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Species Specificity:

human, mouse, rat

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: PC-12 cells, SH-SY5Y cells, Neuro-2a cells, mouse brain tissue, rat brain tissue

IHC: mouse cerebellum tissue,

IF-P: mouse cerebellum tissue,

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

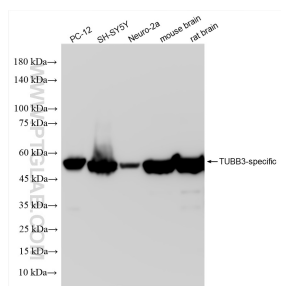
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

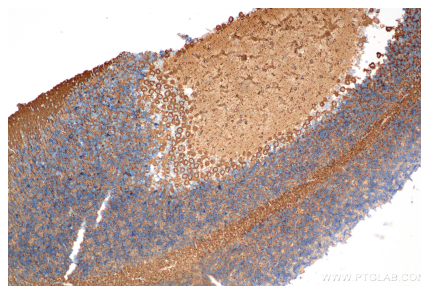
E: proteintech@ptglab.com
W: ptglab.com

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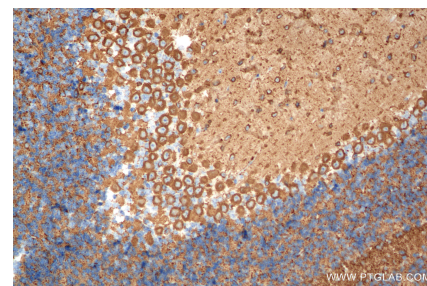
Selected Validation Data



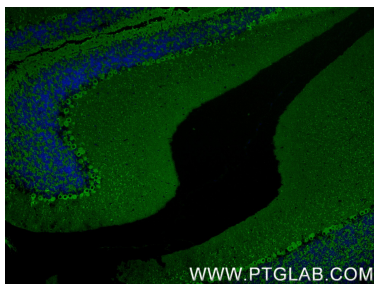
Various lysates were subjected to SDS PAGE followed by western blot with 80128-3-RR (TUBB3-specific antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 80128-3-RR (TUBB3-specific/TUJ1 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 80128-3-RR (TUBB3-specific/TUJ1 antibody) at dilution of 1:4000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse cerebellum tissue using TUBB3-specific antibody (80128-3-RR, Clone: 250851G10) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).