

For Research Use Only

Beta Tubulin Polyclonal antibody

Catalog Number: 10063-2-AP **11 Publications**



Basic Information

Catalog Number: 10063-2-AP	GenBank Accession Number: BC001352	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 347733	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BVA1	
Isotype: IgG	Full Name: tubulin, beta 2B	
Immunogen Catalog Number: AG0108	Calculated MW: 50 kDa	
	Observed MW: 50kda	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse brain tissue, rat brain tissue IHC : mouse cerebellum tissue, human gliomas tissue
Cited Applications: WB, IP, CoIP	
Species Specificity: human, mouse, rat	
Cited Species: 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	

Background Information

There are five tubulins in human cells. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules.

Notable Publications

Author	Pubmed ID	Journal	Application
Tingting Feng	34652890	Cancer Biol Med	WB,IP
Michael Föhling	23970125	J Am Soc Nephrol	WB
Kristiina Tammimies	23036959	Biol Psychiatry	CoIP

Storage

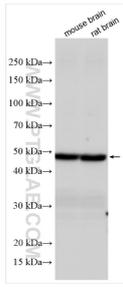
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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

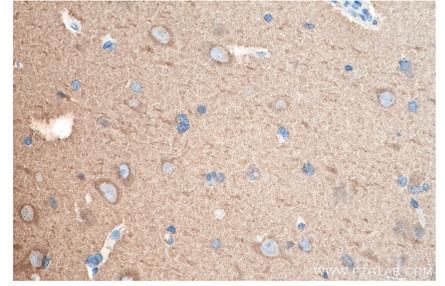
Selected Validation Data



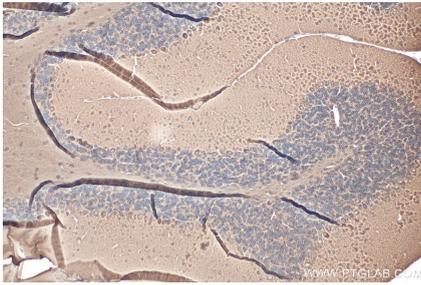
Various lysates were subjected to SDS PAGE followed by western blot with 10063-2-AP (Beta Tubulin antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



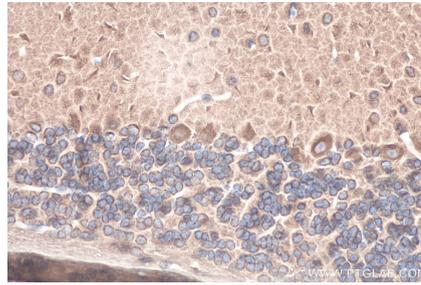
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10063-2-AP (Beta Tubulin antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10063-2-AP (Beta Tubulin antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 10063-2-AP (Beta Tubulin antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 10063-2-AP (Beta Tubulin antibody) at dilution of 1:200 (under 4x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).