

For Research Use Only

# Beta Tubulin Polyclonal antibody, PBS Only

Catalog Number:**10063-2-PBS**



## Basic Information

|                           |             |                           |                  |                               |
|---------------------------|-------------|---------------------------|------------------|-------------------------------|
| Catalog Number:           | 10063-2-PBS | GenBank Accession Number: | BC001352         | Purification Method:          |
| Size:                     | 1 mg/ml     | GenID (NCBI):             | 347733           | Antigen affinity purification |
| 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, Indirect ELISA

Species Specificity:  
human, mouse, rat

## 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.

## Storage

Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C  
Storage Buffer:  
PBS Only

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

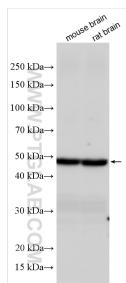
T: 4006900926

E: Proteintech-CN@ptglab.com

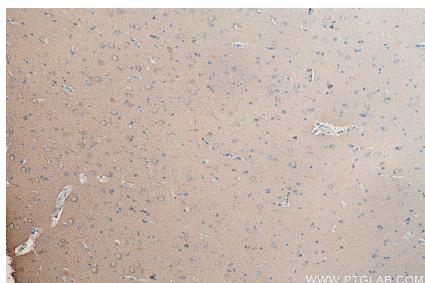
W: ptgcn.com

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

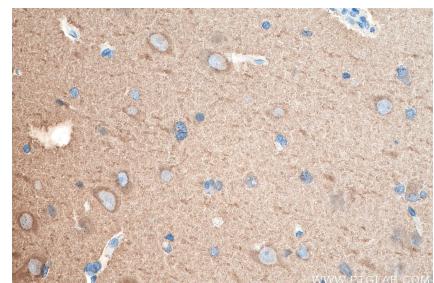
## Selected Validation Data



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. This data was developed using the same antibody clone with 10063-2-PBS in a different storage buffer formulation.



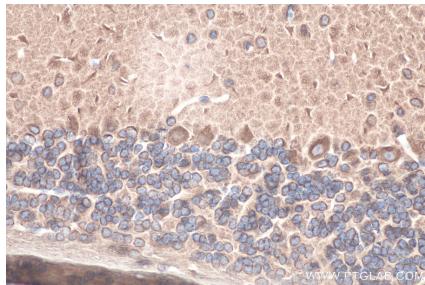
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 10063-2-AP (Beta Tubulin antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10063-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10063-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10063-2-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10063-2-PBS in a different storage buffer formulation.