

For Research Use Only

Alpha Tubulin Polyclonal antibody

Catalog Number: 10759-1-AP **5 Publications**



Basic Information

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| Catalog Number: 10759-1-AP | GenBank Accession Number: BC009238 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 400 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 7277 | |
| Source: Rabbit | UNIPROT ID: P68366 | |
| Isotype: IgG | Full Name: tubulin, alpha 4a | |
| Immunogen Catalog Number: AG1181 | Calculated MW: 55 kDa | |

Applications

Tested Applications:
ELISA

Cited Applications:
WB, ColP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

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. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------------|-----------|----------------------|-------------|
| Zhi Wei Dong | 26515683 | Sci Rep | WB |
| Jing Chen | 27832634 | Cell Physiol Biochem | |
| Kristiina Tammimies | 23036959 | Biol Psychiatry | ColP |

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
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Selected Validation Data