

For Research Use Only

# Alpha Tubulin Polyclonal antibody

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



## Basic Information

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

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
CoIP, WB

**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	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

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## Selected Validation Data