

For Research Use Only

# CAMSAP2 Monoclonal antibody

Catalog Number: 66463-1-Ig



## Basic Information

<b>Catalog Number:</b> 66463-1-Ig	<b>GenBank Accession Number:</b> BC065508	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23271	<b>CloneNo.:</b> 2A10A1
<b>Source:</b> Mouse	<b>Full Name:</b> calmodulin regulated spectrin-associated protein 1-like 1	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 1478 aa, 167 kDa	
<b>Immunogen Catalog Number:</b> AG11794	<b>Observed MW:</b> 170-200 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, PC-3 cells, rat brain tissue, HeLa cells, mouse brain tissue
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

CAMSAP2, also known as CAMSAP1L1, is a microtubule minus-end binding protein, and is required for proper microtubule organization in neurons. CAMSAP2 stabilizes noncentrosomal microtubules and is important for neuronal polarity, axon specification, and dendritic branch formation.

## Storage

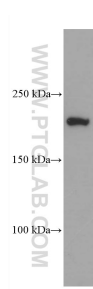
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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)  
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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66463-1-Ig (CAMSAP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.