

For Research Use Only

# RPAP1 Monoclonal antibody

Catalog Number: 68193-1-Ig



## Basic Information

<b>Catalog Number:</b> 68193-1-Ig	<b>GenBank Accession Number:</b> BC000246	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 26015	<b>CloneNo.:</b> 2A6H5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BWH6	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> RNA polymerase II associated protein 1	
<b>Immunogen Catalog Number:</b> AG7856	<b>Calculated MW:</b> 153 kDa	
	<b>Observed MW:</b> 153 kDa	

## Applications

**Tested Applications:**  
WB, ELISA, FC (Intra)

**Species Specificity:**  
Human, mouse, rat

### Positive Controls:

**WB :** LNCaP cells, mouse brain tissue, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, rat brain tissue

## Background Information

RNA polymerase II-associated protein 1 (RPAP1) encodes a nuclear 153-kDa protein, and forms an interface between the RNA polymerase II (RNAPII) enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. RPAP1 is required for interaction of the RNA polymerase II complex with acetylated histone H3 and the subsequent DNA transcription.

## 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

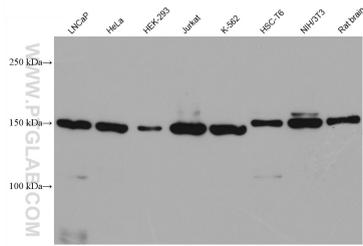
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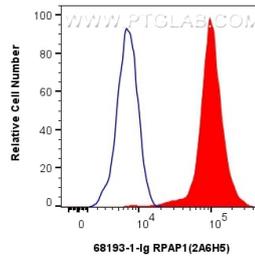
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68193-1-Ig (RPAP1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.8 ug RPAP1 Monoclonal antibody (68193-1-Ig, Clone:2A6H5) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.8 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.