

For Research Use Only

# KIF2B Polyclonal antibody

Catalog Number: 13711-1-AP



## Basic Information

<b>Catalog Number:</b> 13711-1-AP	<b>GenBank Accession Number:</b> BC033802	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84643	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> kinesin family member 2B	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 673 aa, 76 kDa	
<b>Immunogen Catalog Number:</b> AG4648	<b>Observed MW:</b> 80 kDa	

## Applications

<b>Tested Applications:</b> IP, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse brain tissue, mouse testis tissue <b>IP :</b> mouse testis tissue,

## Background Information

KIF2B belongs to the TRAFAC class myosin-kinesin ATPase superfamily, Kinesin family and MCAK/KIF2 subfamily. KIF2B is evidently required for spindle assembly, chromosome movement and cytokinesis (PMID: 17538014). The molecular weight of KIF2B is 76 kDa. It plays an important role in chromosome congression (PMID: 23891108).

## Storage

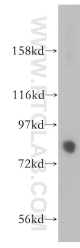
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

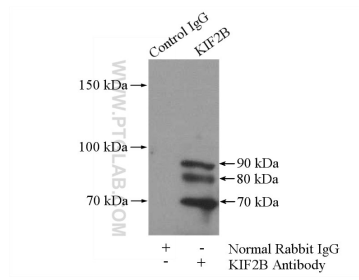
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 13711-1-AP (KIF2B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-KIF2B (IP:13711-1-AP, 4ug; Detection:13711-1-AP 1:1000) with mouse testis tissue lysate 4000ug.