

For Research Use Only

# KIF26B Polyclonal antibody

Catalog Number:17422-1-AP

Featured Product

13 Publications



## Basic Information

### Catalog Number:

17422-1-AP

### Size:

150ul , Concentration: 650 ug/ml by Nanodrop and 360 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11446

### GenBank Accession Number:

BC042481

### GeneID (NCBI):

55083

### UNIPROT ID:

Q2KJY2

### Full Name:

kinesin family member 26B

### Calculated MW:

2108aa,224 kDa; 162aa,17 kDa

### Observed MW:

224-230 kDa, 17-22 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IF, IHC

### Species Specificity:

human, Canine

### Cited Species:

human, rat, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : MDCK cells, HEK-293 cells, MCF-7 cells

IHC : human kidney tissue, human breast cancer tissue

## Background Information

KIF26B is a member of kinesin-11 family and plays important role in embryogenesis. It is a downstream target of Sall1 and is essential for kidney development. KIF26B is also involved in tumorigenesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yan Teng	30248545	Biomed Pharmacother	IHC,WB
SuXia Wang	34817735	Med Oncol	WB,IHC
Mingming Yan	34787331	J Bone Miner Res	WB,IF

## 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

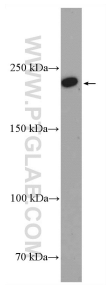
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

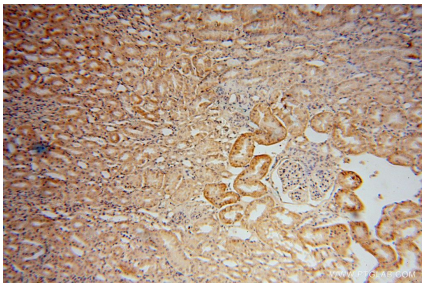
E: proteintech@ptglab.com  
W: ptglab.com

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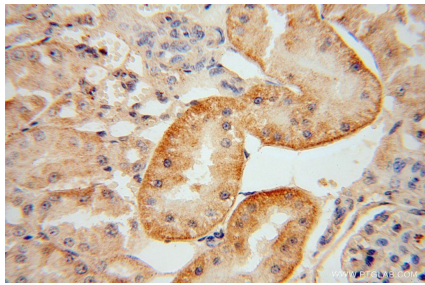
Selected Validation Data



MDCK cells were subjected to SDS PAGE followed by western blot with 17422-1-AP (KIF26B antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 17422-1-AP (KIF26B antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 17422-1-AP (KIF26B antibody) at dilution of 1:50 (under 40x lens).