

For Research Use Only

# KIF1C Polyclonal antibody

Catalog Number: 12760-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

12760-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3500

**GenBank Accession Number:**

BC034993

**GeneID (NCBI):**

10749

**UNIPROT ID:**

O43896

**Full Name:**

kinesin family member 1C

**Calculated MW:**

1103 aa, 123 kDa

**Observed MW:**

135-140 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

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 : mouse heart tissue, A549 cells, HeLa cells

IP : mouse heart tissue,

IHC : human gliomas tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xavier Pichon	34493599	RNA	WB
Ryan P Hildebrandt	37296096	Nat Commun	WB,IF,IP

## 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

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

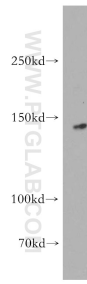
T: 4006900926

E: Proteintech-CN@ptglab.com

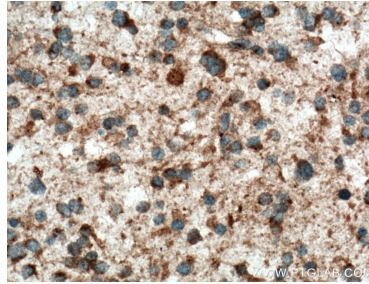
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

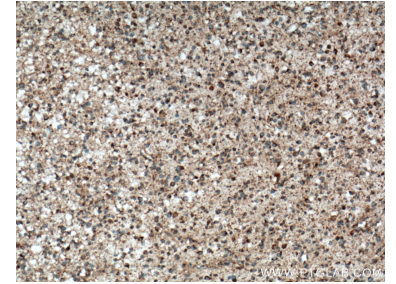
## Selected Validation Data



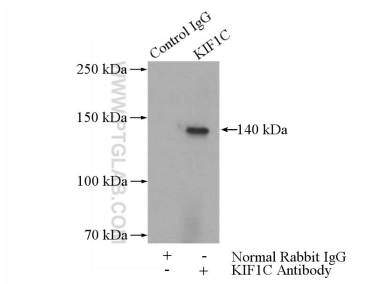
mouse heart tissue were subjected to SDS PAGE followed by western blot with 12760-1-AP (KIF1C antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



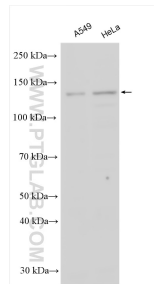
Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12760-1-AP (KIF1C antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 12760-1-AP (KIF1C antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0)).



IP result of anti-KIF1C (IP:12760-1-AP, 5ug; Detection:12760-1-AP 1:300) with mouse heart tissue lysate 4000ug.



Various lysates were subjected to SDS PAGE followed by western blot with 12760-1-AP (KIF1C antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.