

For Research Use Only

# KIF2A Polyclonal antibody

Catalog Number: 27218-1-AP

Featured Product

1 Publications



## Basic Information

Catalog Number:

27218-1-AP

Size:

1100 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25692

GenBank Accession Number:

BC031828

GeneID (NCBI):

3796

UNIPROT ID:

O00139

Full Name:

kinesin heavy chain member 2A

Calculated MW:

679 aa, 77 kDa

Observed MW:

80 kDa~100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF 1:50-1:500

## Applications

Tested Applications:

IF/ICC, IHC, WB, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse

Cited Species:

human

**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 : Jurkat cells, HeLa cells

IHC : mouse brain tissue,

IF : A549 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Hideko Hoshina	38447546	Pathobiology	IHC

## 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:

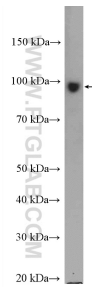
T: 4006900926

E: Proteintech-CN@ptglab.com

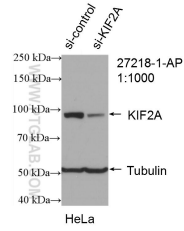
W: ptgcn.com

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

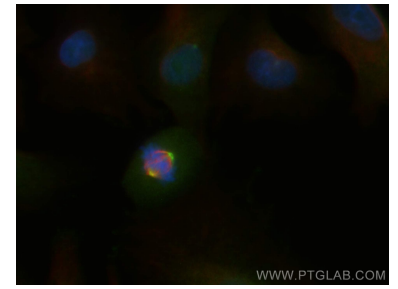
## Selected Validation Data



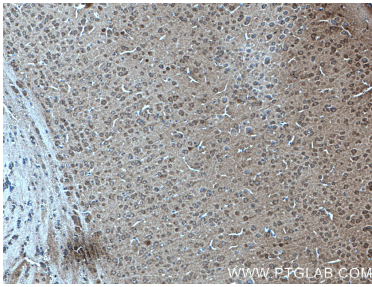
Jurkat cells were subjected to SDS PAGE followed by western blot with 27218-1-AP (KIF2A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



WB result of KIF2A antibody (27218-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-KIF2A transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using KIF2A antibody (27218-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Alpha Tubulin antibody (66031-1-Ig, Clone: 1E4C11, red).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 27218-1-AP (KIF2A antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).