

For Research Use Only

# KIF19 Polyclonal antibody

Catalog Number: 19551-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 19551-1-AP	<b>GenBank Accession Number:</b> NM_153209	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 124602	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:20-1:200 IF 1:10-1:100
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q2TAC6	
<b>Isotype:</b> IgG	<b>Full Name:</b> kinesin family member 19	
	<b>Calculated MW:</b> 111 kDa	
	<b>Observed MW:</b> 92 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IHC, WB, ELISA	<b>Positive Controls:</b> WB : human brain tissue, IHC : human brain tissue, IF : HepG2 cells,
<b>Cited Applications:</b> WB, IP, IF	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

KIF19 belongs to the kinesin-like protein family. The antibody recognizes isoform1 of KIF19 only.

## Notable Publications

Author	Pubmed ID	Journal	Application
Kavisha Arora	32683324	J Biol Chem	WB,IF,IP
Zhang Yong Y	21149239	J Mol Cell Biol	WB

## 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:

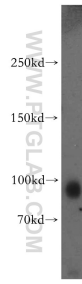
T: 4006900926

E: Proteintech-CN@ptglab.com

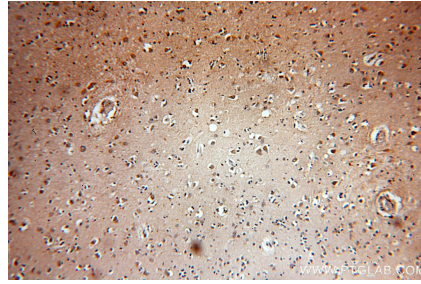
W: ptgcn.com

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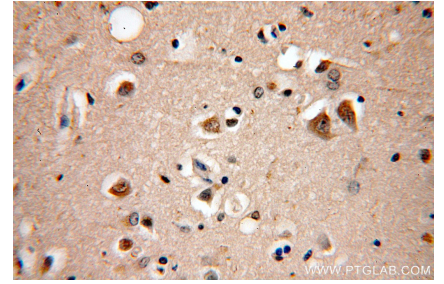
## Selected Validation Data



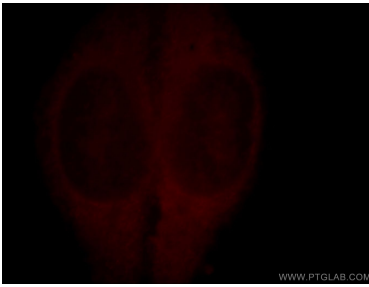
human brain tissue were subjected to SDS PAGE followed by western blot with 19551-1-AP (KIF19 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 19551-1-AP (KIF19 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 19551-1-AP (KIF19 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using KIF19 antibody 19551-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).