

# KIF4A Rabbit Polyclonal Antibody

Catalog No: #29657



Package Size: #29657-1 50ul #29657-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

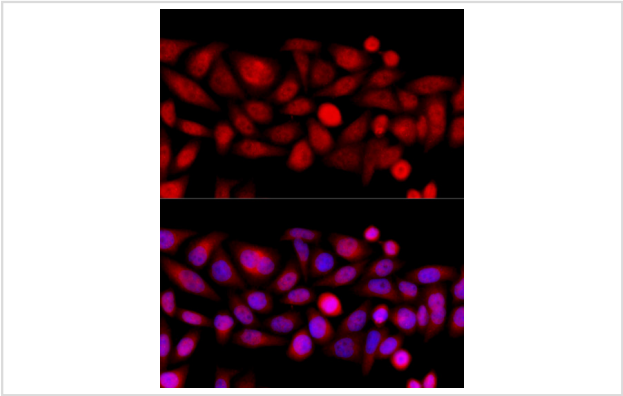
## Description

Product Name	KIF4A Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human KIF4A (NP_036442.3).
Other Names	KIF4A;KIF4;KIF4G1;MRX100
Accession No.	Swiss Prot:O95239GeneID:24137
Calculated MW	128kDa/139kDa
SDS-PAGE MW	140kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

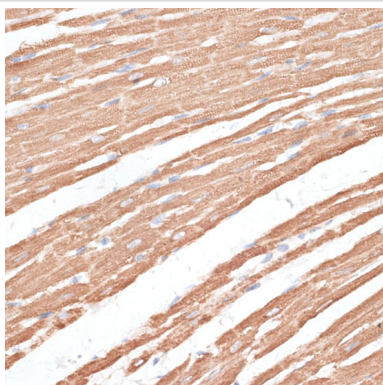
## Application Details

WB□1:1000 - 1:3000  
IHC□1:50 - 1:200  
IF□1:100 - 1:200

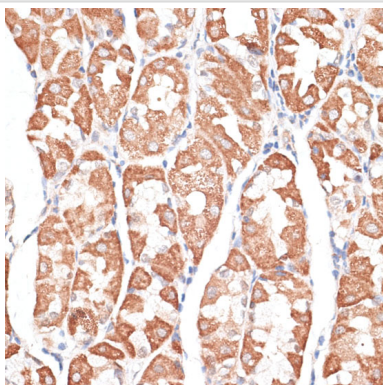
## Images



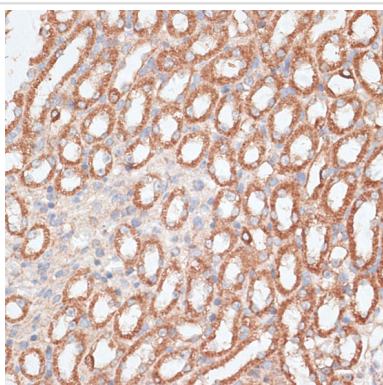
Immunofluorescence analysis of HeLa cells using KIF4A at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



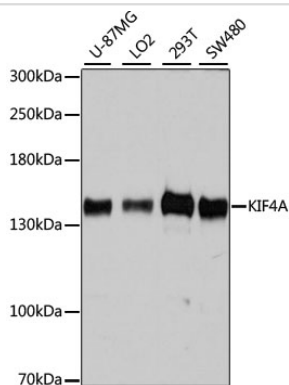
Immunohistochemistry of paraffin-embedded rat heart using KIF4A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using KIF4A at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using KIF4A at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using KIF4A at 1:7000 dilution.

## Background

This gene encodes a member of the kinesin 4 subfamily of kinesin related proteins. The encoded protein is an ATP dependent microtubule-based motor protein that is involved in the intracellular transport of membranous organelles. This protein also associates with condensed chromosome arms and may be involved in maintaining chromosome integrity during mitosis. This protein may also be involved in the organization of the central spindle prior to cytokinesis. A pseudogene of this gene is found on chromosome X.

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Note: This product is for in vitro research use only