

KIF4A Rabbit Polyclonal Antibody



CAB10193

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

140kDa

Calculated MW:

128kDa/139kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

24137

Uniprot

O95239

Synonyms:

KIF4A; KIF4; KIF4G1; MRX100

Antibody Information

Recommended dilutions:

WB 1:1000 - 1:3000 IHC

1:50 - 1:200 IF 1:100 -

1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

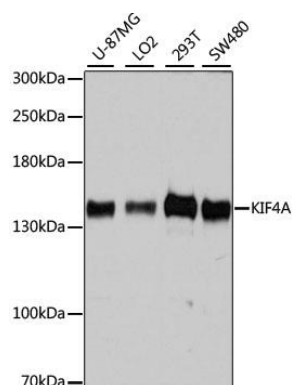
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 870-1080 of human KIF4A (NP_036442.3).

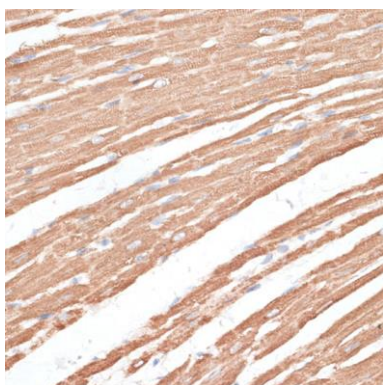
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

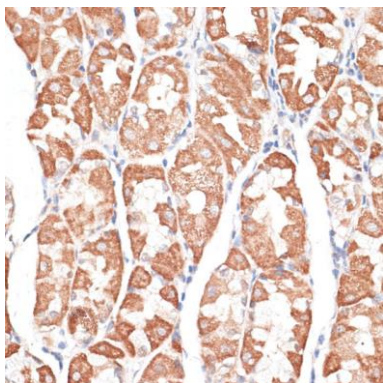
Product Images



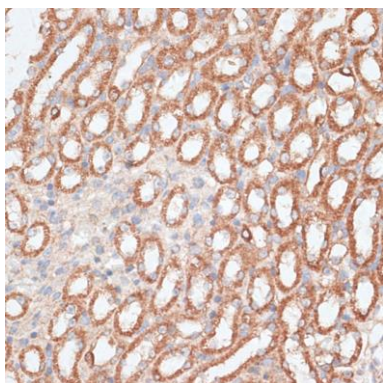
Western blot analysis of extracts of various cell lines, using KIF4A antibody (CAB10193) at 1:7000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat heart using KIF4A antibody (CAB10193) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using KIF4A antibody (CAB10193) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse kidney using KIF4A antibody (CAB10193) at dilution of 1:100 (40x lens).