KIF4A Polyclonal Antibody

catalog number: **E-AB-63295**

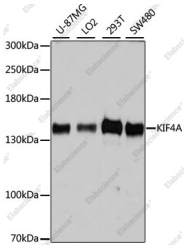
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human KIF4A (NP_036442.3).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
WB	1:1000-1:3000
IHC	1:50-1:200
IF	1:100-1:200

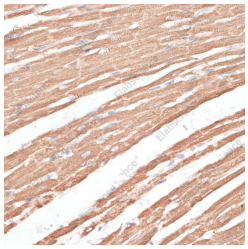
Data



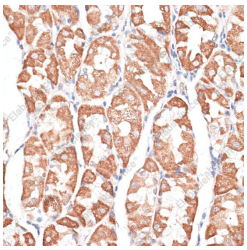
Western blot analysis of extracts of various cell lines using KIF4A Polyclonal Antibody at dilution of 1:7000.

Observed-MW:140 kDa

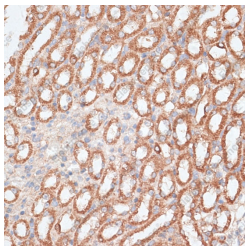
Calculated-MW:128 kDa/139 kDa



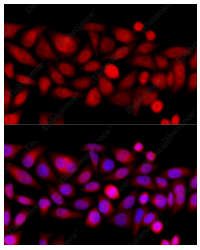
Immunohistochemistry of paraffin-embedded Rat heart using KIF4A Polyclonal Antibody at dilution of 1:100 (40x lens).



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



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



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

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Email: techsupport@elabscience.com

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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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