

Rabbit Kinesin Polyclonal Antibody | anti-KIN antibody

Anti-Kinesin Purified

CATALOG # AAA128932	HOST Rabbit	REACTIVITY Mouse, Pig, Human	APPLICATIONS Immunocytochemistry, Western Blot
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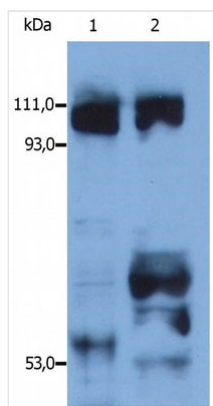
PRODUCT SYNONYMS

Kinesin; Polyclonal Antibody; Anti-Kinesin Purified; KIN; anti-KIN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Pig, Human
Clonality	Polyclonal
Clone Number	PAb (434)
Specificity	The polyclonal antibody detects total level of endogenous kinesin protein (intracellular antigen).
Purity/Purification	Purified by ligand affinity chromatography.
Form/Format	Phosphate buffered saline (PBS), pH7.4, 15mM sodium azide
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-KIN antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Stalk domain of human kinesin (aa 331-906) expressed in E. coli (FKHC3)
Anitgen	Kinesin
Preparation and Storage	Store at 2-8°C. Do not freeze.

IMAGES



WB (Western Blot)

Western blotting detection of kinesin in reduced lysates of human HEK cell line (1) and porcine brain (2) by rabbit polyclonal anti-kinesin.

ADDITIONAL INFORMATION

Related Product Information for anti-KIN antibody	Kinesin belongs to the group of microtubule-associated motor proteins known to convert chemical energy released from nucleoside triphosphates (preferentially from ATP) into mechanical energy. Conventional kinesin, member of the kinesin superfamily comprising more than 100 proteins, is involved in the anterograde vesicle transport in neuronal cells. Kinesin purified from mammalian brain homogenates is a heterotetramer consisting of two heavy (120 to 130 kDa) and two light chains (60 to 70 kDa), resulting in a molecular mass about 400 kDa. Each heavy chain contains an N-terminal globular motordomain with both a microtubule-binding site and an ATPase active center, stalk region responsible for heavy chain dimerization and finally C-terminal globular tail domain, which is implicated in cargo binding. Light chains may have a regulatory function.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kinesin-antibody-clone-pab-434-immunocytochemistry-western-blot-elisa/128932>