

KIF13B rabbit pAb

Cat No.: ES5329

For research use only

Overview

Product Name KIF13B rabbit pAb

Host species Rabbit

Applications WB;IHC;IF;ELISA Species Cross-Reactivity Human;Rat;Mouse;

Recommended dilutions Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human KIF13B. AA

range:111-160

Specificity KIF13B Polyclonal Antibody detects endogenous

levels of KIF13B protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

Storage Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name Kinesin-like protein KIF13B

Gene Name KIF13B

Cellular localization Cytoplasm, cytoskeleton . Cell projection, axon .

accumulates at the distal part of the microtubules in

the tips of axons, but not of dendrites.

Purification The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal
Concentration 1 mg/ml
Observed band 202kD
Human Gene ID 23303
Human Swiss-Prot Number Q9NQT8

Alternative Names KIF13B; GAKIN; KIAA0639; Kinesin-like protein

KIF13B; Kinesin-like protein GAKIN

Background function: May be involved in reorganization of the

cortical cytoskeleton. May be functionally important

for the intracellular trafficking of MAGUKs and

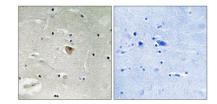


+86-27-59760950 ELKbio@ELKbiotech.com www.elkbiotech.com



associated protein complexes.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the kinesin-like protein family.,similarity:Contains 1 CAP-Gly domain.,similarity:Contains 1 FHA domain.,similarity:Contains 1 kinesin-motor domain.,subunit:Binds to DLG1 and DLG4.,tissue specificity:Ubiquitous.,

Immunohistochemistry analysis of paraffin-embedded human brain, using KIF13B Antibody. The picture on the right is blocked with the synthesized peptide.



+86-27-59760950

