



KIF5C rabbit pAb

Cat No.:ES15305

For research use only

Overview

Product Name	KIF5C rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse;Rat
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human KIF5C AA range: 119-169
Specificity	This antibody detects endogenous levels of KIF5C at Human/Mouse/Rat
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	KIF5C
Gene Name	KIF5C KIAA0531 NKHC2
Cellular localization	Cytoplasm, cytoskeleton . Cell projection, dendrite . Abundant in distal regions 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	105kD
Human Gene ID	3800
Human Swiss-Prot Number	O60282
Alternative Names	Kinesin heavy chain isoform 5C (Kinesin heavy chain neuron-specific 2)
Background	The protein encoded by this gene is a kinesin heavy chain subunit involved in the transport of cargo within the central nervous system. The encoded protein, which acts as a tetramer by associating with another heavy chain and two light chains, interacts with protein kinase CK2. Mutations in this gene have been associated with complex cortical dysplasia with

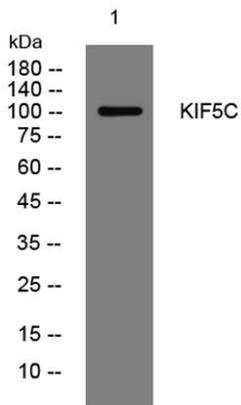




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other brain malformations-2. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Jul 2015],

Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4° over night



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