10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KIF2B antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI10605

Product Information

Application	WB
Primary Accession	Q8N4N8
Other Accession	NM_032559, NP_115948
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Bovine
Predicted	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76254

Additional Information

Gene ID	84643
Other Names	Kinesin-like protein KIF2B, KIF2B
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KIF2B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KIF2B antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

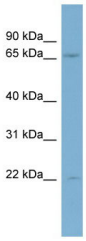
Protein Information

Name	KIF2B
Function	Plus end-directed microtubule-dependent motor required for spindle assembly and chromosome movement. Has microtubule depolymerization activity (PubMed:17538014). Plays a role in chromosome congression (PubMed:23891108).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Chromosome, centromere, kinetochore. Note=Association with kinetochore is transient
Tissue Location	Highest level in lung. High level in ovary, moderate levels in heart, kidney, placenta, skeletal muscle and spleen (at protein level). Pancreas and spleen express a shorter isoform (at protein level).

References

Manning,A.L., (2007) Mol. Biol. Cell 18 (8), 2970-2979 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.Publications:Shrestha, R. L. & Draviam, V. M. Lateral to end-on conversion of chromosome-microtubule attachment requires kinesins CENP-E and MCAK. Curr. Biol. 23, 1514-26 (2013). WB, Human, Dog, Rabbit, Guinea pig, Mouse, Bovine, Horse, Rat, Zebrafish23891108

Images



WB Suggested Anti-KIF2B Antibody Titration: .2-1 ug/ml
ELISA Titer: 1:3125
Positive Control: Human Thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.