

KIF2B antibody - middle region

Rabbit Polyclonal Antibody Catalog # AI10605

Product Information

Application WB
Primary Accession Q8N4N8

Other Accession <u>NM 032559</u>, <u>NP 115948</u>

Reactivity PredictedHuman, Mouse, Rat, Zebrafish, Dog, Bovine
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: <u>23891108</u>).

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,

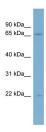
placenta, skeletal muscle and spleen (at protein level). Pancreas and spleen

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'.