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

KIF22 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10582

Product Information

Application	WB
Primary Accession	Q14807
Other Accession	NM_007317, NP_015556
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine, Yeast
Predicted	Human, Mouse, Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	73262

Additional Information

Gene ID	3835
Alias Symbol	KID, KNSL4, OBP, OBP-1, OBP-2, SEMDJL2, A-328A3.2
Other Names	Kinesin-like protein KIF22, Kinesin-like DNA-binding protein, Kinesin-like protein 4, KIF22, KID, KNSL4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-KIF22 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	KIF22 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KIF22
Synonyms	KID, KNSL4
Function	Kinesin family member that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis. Binds to microtubules and to DNA (By similarity). Plays a role in congression of laterally attached chromosomes in NDC80-depleted cells (PubMed:25743205).
Cellular Location	Nucleus. Cytoplasm, cytoskeleton
Tissue Location	Expressed in bone, cartilage, joint capsule, ligament, skin, and primary

cultured chondrocytes

References

Maruyama,K. (2005) Mol. Biol. Cell 16 (11), 5455-5463 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.

Images



WB Suggested Anti-KIF22 Antibody Titration: 2.5ug/ml
Positive Control: Jurkat cell lysate

KIF22 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells

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