

# KIF22 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10581

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q14807</a>
<b>Other Accession</b>	<a href="#">NM_007317</a> , <a href="#">NP_015556</a>
<b>Reactivity</b>	Human, Mouse, Rat, Dog, Horse, Bovine, Yeast
<b>Predicted</b>	Human, Mouse, Rat, Dog, Guinea Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	73262

## Additional Information

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<b>Gene ID</b>	3835
<b>Alias Symbol</b> <b>Other Names</b>	KID, KNSL4, OBP, OBP-1, OBP-2, SEMDJL2, A-328A3.2 Kinesin-like protein KIF22, Kinesin-like DNA-binding protein, Kinesin-like protein 4, KIF22, KID, KNSL4
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 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.
<b>Precautions</b>	KIF22 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	KIF22
<b>Synonyms</b>	KID, KNSL4
<b>Function</b>	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: <a href="#">25743205</a> ).
<b>Cellular Location</b>	Nucleus. Cytoplasm, cytoskeleton
<b>Tissue Location</b>	Expressed in bone, cartilage, joint capsule, ligament, skin, and primary

## References

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Ohsugi,M., (2008) Cell 132 (5), 771-782 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

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