

Product datasheet for **TA334697**

KIF22 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KIF22 antibody: synthetic peptide directed towards the C terminal of human KIF22. Synthetic peptide located within the following region: LASQGSQGAPLLSTPKRERMVLMKTVEEKDLEIERLTKQKELEAKMLAQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	73 kDa
Gene Name:	kinesin family member 22
Database Link:	NP_015556 Entrez Gene 3835 Human Q14807



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Background: KIF22 a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the *Xenopus* homolog suggests its essential role in metaphase chromosome alignment and maintenance. The protein encoded by this gene is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the *Xenopus* homolog suggests its essential role in metaphase chromosome alignment and maintenance.

Synonyms: A-328A3.2; KID; KNSL4; OBP; OBP-1; OBP-2; SEMDJL2

Note: Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Bovine: 93%; Mouse: 90%; Dog: 86%; Horse: 86%; Yeast: 83%; Guinea pig: 79%

Protein Families: Druggable Genome

Product images:



WB Suggested Anti-KIF22 Antibody Titration: 2.5 ug/ml; Positive Control: Jurkat cell lysate KIF22 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells