

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: LASQGSQGAPLLSTPKRERMVLMKTVEEKDLEIERLKTKQKELEAKMLAQ

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Protein A purified

Conjugation: Unconjugated

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

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

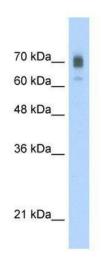
Note: Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Bovine: 93%; Mouse:

essential role in metaphase chromosome alignment and maintenance.

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 lysateKIF22 is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells