

Product Data Sheet

Anti-KIF22 Antibody

Catalog #	Source	Reactivity	Applications
CQA4865	Rabbit	H, M	WB, IH
Description	Rabbit polyclonal antibody to KIF22		
Immunogen	Recombinant fusion protein of human KIF22. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of KIF22 protein		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	KIF22		
Alternative Names	KID; KNSL4; Kinesin-like protein KIF22; Kinesin-like DNA-binding protein; Kinesin-like protein 4		
Entrez Gene	3835 (Human); 110033 (Mouse)		
SwissProt	Q14807 (Human); Q3V300 (Mouse)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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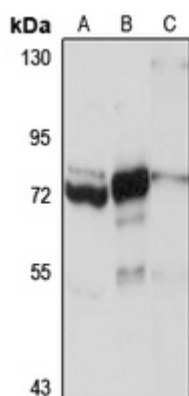
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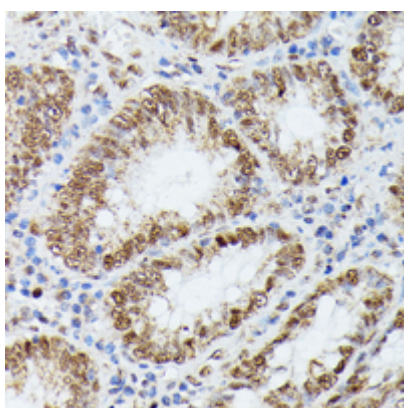
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Western blot analysis of KIF22 expression in A549 (A), HeLa (B), mouse testis (C) whole cell lysates. (Predicted band size: 66; 73 kD; Observed band size: 73 kD)



Immunohistochemical analysis of KIF22 staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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