

## Anti-KIF4B antibody

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|---------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Unconjugated Rabbit polyclonal to KIF4B                                                                                 |
| <b>Model</b>              | STJ190700                                                                                                               |
| <b>Host</b>               | Rabbit                                                                                                                  |
| <b>Reactivity</b>         | Human                                                                                                                   |
| <b>Applications</b>       | ELISA, WB                                                                                                               |
| <b>Gene ID</b>            | <a href="#">285643</a>                                                                                                  |
| <b>Gene Symbol</b>        | <a href="#">KIF4B</a>                                                                                                   |
| <b>Dilution range</b>     | WB 1:500-2000 ELISA 1:5000-20000                                                                                        |
| <b>Specificity</b>        | KIF4B Polyclonal Antibody detects endogenous levels of protein.                                                         |
| <b>Tissue Specificity</b> | Specifically expressed in testis.                                                                                       |
| <b>Purification</b>       | KIF4B antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                            |
| <b>Protein Name</b>       | Chromosome-associated kinesin KIF4B Chromokinesin-B                                                                     |
| <b>Molecular Weight</b>   | 135 kDa                                                                                                                 |
| <b>Clonality</b>          | Polyclonal                                                                                                              |
| <b>Conjugation</b>        | Unconjugated                                                                                                            |
| <b>Isotype</b>            | IgG                                                                                                                     |
| <b>Formulation</b>        | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.                                                     |

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| <b>Concentration</b>         | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                                                                                                                                                                                                                                                                      |
| <b>Database Links</b>        | <a href="#">HGNC:6322OMIM:609184</a>                                                                                                                                                                                                                                                                                                                      |
| <b>Alternative Names</b>     | Chromosome-associated kinesin KIF4B Chromokinesin-B                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>              | Motor protein that translocates PRC1 to the plus ends of interdigitating spindle microtubules during the metaphase to anaphase transition, an essential step for the formation of an organized central spindle midzone and midbody and for successful cytokinesis. May play a role in mitotic chromosomal positioning and bipolar spindle stabilization . |
| <b>Cellular Localization</b> | Nucleus matrix Cytoplasm, cytoskeleton                                                                                                                                                                                                                                                                                                                    |

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