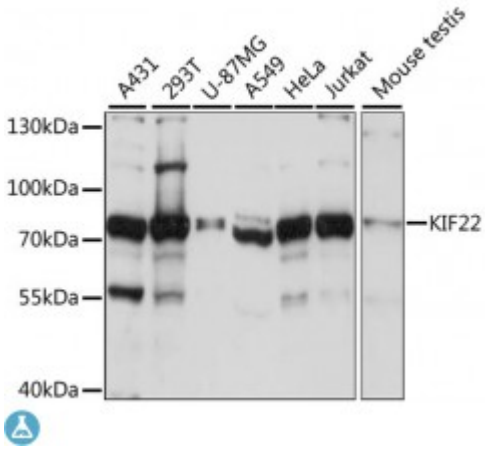
# Anti-KIF22 Antibody

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| **Description** | The protein encoded by this gene is a member of the kinesin-like protein family. The family members 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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. |

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| **Model** | STJ117480 |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse |
| **Applications** | WB |
| **Immunogen** | Recombinant fusion protein containing a sequence corresponding to amino acids 456-665 of human KIF22 (NP_015556.1). |
| **Gene ID** | 3835 |
| **Gene Symbol** | KIF22 |
| **Dilution range** | WB 1:200 - 1:2000 |
| **Tissue Specificity** | Expressed in bone, cartilage, joint capsule, ligament, skin, and primary cultured chondrocytes |
| **Purification** | Affinity purification |
| **Note** | For Research Use Only (RUO). |
| **Protein Name** | Kinesin-like protein KIF22 Kinesin-like DNA-binding protein Kinesin-like protein 4 |

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| **Molecular Weight** | 73.262 kDa |
| **Clonality** | Polyclonal |
| **Conjugation** | Unconjugated |
| **Isotype** | IgG |
| **Formulation** | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| **Storage Instruction** | Store at -20C. Avoid freeze / thaw cycles. |
| **Database Links** | HGNC:6391OMIM:603213Reactome:R-HSA-2132295 |
| **Alternative Names** | Kinesin-like protein KIF22 Kinesin-like DNA-binding protein Kinesin-like protein 4 |
| **Function** | Kinesin family member that is involved in spindle formation and the movements of chromosomes during mitosis and meiosis, Binds to microtubules and to DNA , Plays a role in congression of laterally attached chromosomes in NDC80-depleted cells , |
| **Cellular Localization** | Nucleus |
| **Post-translational Modifications** | Ubiquitinated |