

## Rabbit anti-Human KIF22 Polyclonal Antibody | anti-KIF22 antibody

KIF22 Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA308305</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

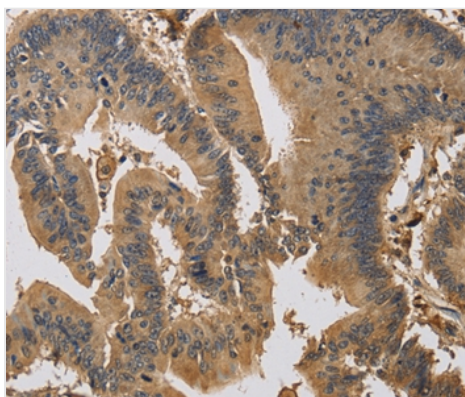
### PRODUCT SYNONYMS

KIF22; Polyclonal Antibody; KIF22 Antibody; KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2; anti-KIF22 antibody

### PRODUCT SPECIFICATIONS

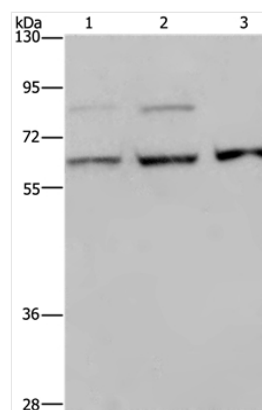
|                                                 |                                                                                                              |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                       |
| Reactivity                                      | Human                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                   |
| Specificity                                     | The antibody detects endogenous levels of total KIF22 protein.                                               |
| Purity/Purification                             | Antigen affinity purification.                                                                               |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                              |
| Concentration                                   | 1.9 mg/ml (varies by lot)                                                                                    |
| Sequence Length                                 | 597                                                                                                          |
| Applicable Applications for anti-KIF22 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                |
| Immunogen Type                                  | Peptide                                                                                                      |
| Immunogen Description                           | Synthetic peptide corresponding to a region derived from internal residues of human kinesin family member 22 |
| Target Name                                     | KIF22                                                                                                        |
| Preparation and Storage                         | Store at -20 degree C                                                                                        |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using at dilution 1/30.



#### Application Data

Gel: 8%SDS-PAGE Lysates (from left to right): A431, MCF-7 and Hela cell Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 10 minutes

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KIF22 antibody | 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. |
| Product Categories/Family for anti-KIF22 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 372266146                                              |
| NCBI GeneID                      | 3835                                                   |
| NCBI Accession #                 | NP_001243198.1                                         |
| NCBI GenBank Nucleotide #        | NM_001256269.1                                         |
| UniProt Accession #              | Q14807; O60845; O94814; Q53F58; Q9BT46; B2R5M0; B7Z265 |
| Molecular Weight                 | 66,307 Da                                              |
| NCBI Official Full Name          | kinesin-like protein KIF22 isoform 2                   |
| NCBI Official Synonym Full Names | kinesin family member 22                               |
| NCBI Official Symbol             | KIF22                                                  |
| NCBI Official Synonym Symbols    | KID; OBP; KNSL4; OBP-1; OBP-2; SEMDJL2; A-328A3.2      |
| NCBI Protein Information         | kinesin-like protein KIF22                             |
| UniProt Protein Name             | Kinesin-like protein KIF22                             |
| UniProt Gene Name                | KIF22                                                  |
| UniProt Synonym Gene Names       | KID; KNSL4                                             |
| UniProt Entry Name               | KIF22_HUMAN                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/kif22-antibody-immunohistochemistry-western-blot-elisa/308305>