

## Anti-KIF13A antibody (1300-1600) (STJ118325)

STJ118325

### GENERAL INFORMATION

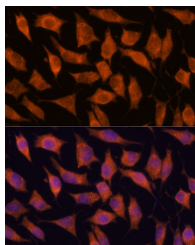
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IF/ICC/ELISA    |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse        |

### PRODUCT PROPERTIES

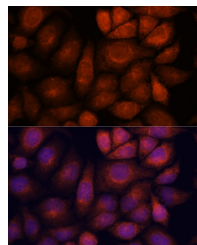
|                            |                                                                                                                                    |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                         |
| <b>Clone ID</b>            |                                                                                                                                    |
| <b>Concentration</b>       | Lot specific                                                                                                                       |
| <b>Conjugation</b>         | Unconjugated                                                                                                                       |
| <b>Purification</b>        | Affinity purification                                                                                                              |
| <b>Dilution</b>            | WB: 1:500-1:2000                                                                                                                   |
| <b>Range</b>               | IF/CC: 1:50-1:200                                                                                                                  |
|                            | ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.                                                                                   |
| <b>Isotype</b>             | IgG                                                                                                                                |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                     |

### TARGET INFORMATION

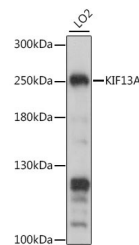
|                           |                                                                                                                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 63971                                                                                                                                                                                                                                                             |
| <b>Gene Symbol</b>        | KIF13A                                                                                                                                                                                                                                                            |
| <b>Uniprot ID</b>         | K113A_HUMAN                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                                   |
| <b>Immunogen Region</b>   | 1300-1600                                                                                                                                                                                                                                                         |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1300-1600 of human KIF13A (NP_001099036.1).                                                                                                                                         |
| <b>Immunogen Sequence</b> | SCGVTYEIVSNIPKATEEIE DRETLALLAARSENEGTS DG ETYIEKYTRGVLQVENILSL ERLRQAVTVKEALSTKARHI<br>RRSLSTPNVHNVS SRPDLS GFDEDDKGW PENQLDMSDYS SSYQDVACYGTLPRDSPRRN KEGCTSETPHALTVSPFKAF<br>SQPPKFFKPLMPVKEEHKK RIALEARPLLSQEDSEEEEN ELEAINRKLISSQPYVPVEF ADFSVYNASLENREWFSSK |



Immunofluorescence analysis of L929 cells using KIF13A Rabbit polyclonal antibody (STJ118325) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of HeLa cells using KIF13A Rabbit polyclonal antibody (STJ118325) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from LO2 cells, using KIF13A Rabbit polyclonal antibody (STJ118325) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ500856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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