

## Rabbit anti-Human KIF5A Polyclonal Antibody | anti-KIF5A antibody

Rabbit anti-KIF5A Antibody, Affinity Purified

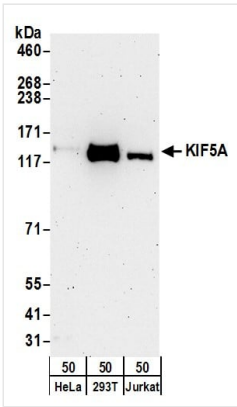
| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                      |
|-----------|--------|------------|-----------------------------------|
| AAA212633 | Rabbit | Human      | Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

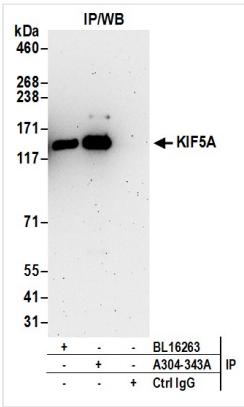
KIF5A; Polyclonal Antibody; Rabbit anti-KIF5A Antibody; Affinity Purified; kinesin; heavy chain; neuron-specific; NKHC; neuronal kinesin heavy chain; SPG10; MYO50; kinesin heavy chain isoform 5A; KIF5A variant protein; D12S1889; ALS25; NEIMY; kinesin heavy chain neuron-specific 1; Kinesin heavy chain isoform 5A; kinesin family member 5A; anti-KIF5A antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human                                                                                     |
| Clonality                                       | Polyclonal                                                                                |
| Purity/Purification                             | Antigen Affinity Purified                                                                 |
| Form/Format                                     | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                   | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-KIF5A antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Predicted Reactivity                            | Mouse, Rat, Orangutan                                                                     |
| Immunogen                                       | Between 982 and C-terminus                                                                |
| Conjugation                                     | Unconjugated                                                                              |
| Preparation and Storage                         | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |



**WB (Western Blot)**  
Detection of human KIF5A by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-KIF5A antibody AAA212633 (lot AAA212633-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



**IP (Immunoprecipitation)**  
Detection of human KIF5A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells. Antibodies: Affinity purified rabbit anti-KIF5A antibody AAA212633 (lot AAA212633-1) used for IP at 6 ug per reaction. KIF5A was also immunoprecipitated by rabbit anti-KIF5A antibody BL16263. For blotting immunoprecipitated KIF5A, AAA212633 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                               |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-KIF5A antibody | Kinesin heavy chain isoform 5A (KIF5A) microtubule-dependent motor required for slow axonal transport of neurofilament proteins (NFH, NFM and NFL) (By similarity) [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q12840">www.uniprot.org/uniprot/Q12840</a> ]. |
| Product Categories/Family for anti-KIF5A antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 45446749                                                                                                                                                          |
| NCBI GeneID                      | 3798                                                                                                                                                              |
| NCBI Accession #                 | NP_004975.2                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_004984.2                                                                                                                                                       |
| UniProt Accession #              | Q12840; Q4LE26; A6H8M5                                                                                                                                            |
| Molecular Weight                 | 117,378 Da                                                                                                                                                        |
| NCBI Official Full Name          | kinesin heavy chain isoform 5A                                                                                                                                    |
| NCBI Official Synonym Full Names | kinesin family member 5A                                                                                                                                          |
| NCBI Official Symbol             | KIF5A                                                                                                                                                             |
| NCBI Official Synonym Symbols    | NKHC; MY050; SPG10; D12S1889                                                                                                                                      |
| NCBI Protein Information         | kinesin heavy chain isoform 5A; KIF5A variant protein; neuronal kinesin heavy chain; kinesin heavy chain neuron-specific 1; kinesin, heavy chain, neuron-specific |
| UniProt Protein Name             | Kinesin heavy chain isoform 5A                                                                                                                                    |
| UniProt Gene Name                | KIF5A                                                                                                                                                             |
| UniProt Synonym Gene Names       | NKHC1; NKHC                                                                                                                                                       |
| UniProt Entry Name               | KIF5A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/polyclonal/kif5a-antibody-immunoprecipitation-western-blot-elisa/212633>