

## Rabbit KIF3A Polyclonal Antibody | anti-KIF3A antibody

KIF3A Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA166613</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

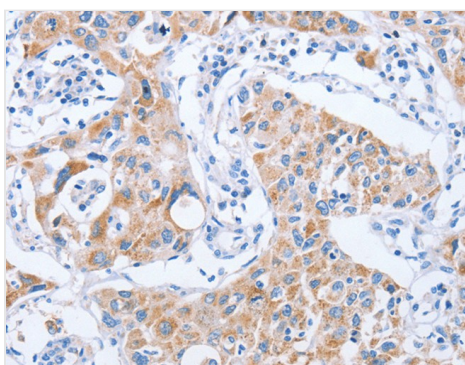
### PRODUCT SYNONYMS

KIF3A; Polyclonal Antibody; KIF3A Polyclonal Antibody; FLA10; KLP-20; anti-KIF3A antibody

### PRODUCT SPECIFICATIONS

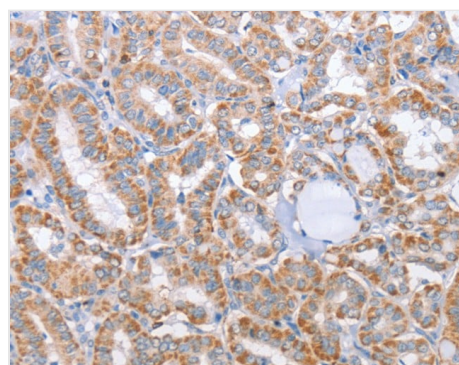
|                                                 |                                                                                           |
|-------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                    |
| Reactivity                                      | Human, Mouse, Rat                                                                         |
| Clonality                                       | Polyclonal                                                                                |
| Isotype                                         | IgG                                                                                       |
| Purity/Purification                             | Antigen affinity purification                                                             |
| Concentration                                   | 1mg/mL (varies by lot)                                                                    |
| Sequence Length                                 | 702                                                                                       |
| Applicable Applications for anti-KIF3A antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                       | Recombinant protein of human KIF3A                                                        |
| Buffer                                          | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                         | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



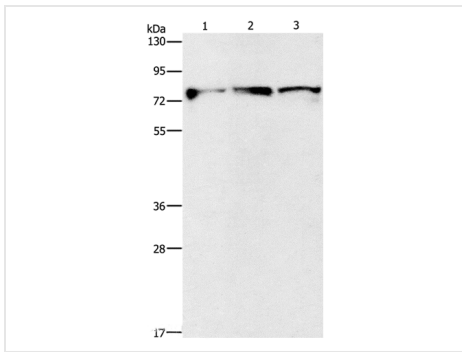
#### IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human lung cancer using KIF3A Polyclonal Antibody at dilution of 1:25



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using KIF3A Polyclonal Antibody at dilution of 1:25



#### WB (Western Blot)

Western Blot analysis of Mouse brain and Human fetal brain tissue, Human brain malignant glioma tissue using KIF3A Polyclonal Antibody at dilution of 1:500

## ADDITIONAL INFORMATION

#### Related Product Information for anti-KIF3A antibody

Kinesin-like protein KIF3A is a protein that in humans is encoded by the KIF3A gene. Members of the heterotrimeric kinesin II family of microtubule associated motors generally contain two different motor subunits from the KIF3 family, which includes KIF3A, B and C. KIF3 isoforms mediate anterograde transport of membrane bound organelles in neurons and melanosomes, transport between the endoplasmic reticulum and the Golgi, and transport of protein complexes within cilia and flagella required for their morphogenesis. KIF3A may influence neurogenesis at the level of embryonic cellular events, where the asymmetry of the genetic control circuit controlling left-right (L-R) axis determination is defined. Loss of KIF3A function in mice photoreceptors causes apoptotic cell death, suggesting that kinesin II mediated transport is required for proper cell fate.

#### Product Categories/Family for anti-KIF3A antibody

Stem Cells

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 663855899                                                                                             |
| NCBI GeneID                      | 11127                                                                                                 |
| NCBI Accession #                 | NP_001287721.1                                                                                        |
| NCBI GenBank Nucleotide #        | NM_001300792.1                                                                                        |
| Molecular Weight                 | 80,041 Da                                                                                             |
| NCBI Official Full Name          | kinesin-like protein KIF3A isoform 2                                                                  |
| NCBI Official Synonym Full Names | kinesin family member 3A                                                                              |
| NCBI Official Symbol             | KIF3A                                                                                                 |
| NCBI Official Synonym Symbols    | FLA10; KLP-20                                                                                         |
| NCBI Protein Information         | kinesin-like protein KIF3A; kinesin family protein 3A; microtubule plus end-directed kinesin motor 3A |
| UniProt Protein Name             | Kinesin-like protein KIF3A                                                                            |
| UniProt Gene Name                | <b>KIF3A</b>                                                                                          |
| UniProt Synonym Gene Names       | KIF3                                                                                                  |
| UniProt Entry Name               | KIF3A_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/kif3a-antibody-immunohistochemistry-western-blot-elisa/166613>