

## Rabbit NEK8 Polyclonal Antibody | anti-NEK8 antibody

NEK8 Polyclonal Antibody

|                              |                       |                                        |                                                         |
|------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA36817</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

NEK8; Polyclonal Antibody; NEK8 Polyclonal Antibody; JCK; NEK12A; NPHP9; RHPD2; anti-NEK8 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                    |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                             |
| Reactivity                                     | Human, Mouse, Rat                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                         |
| Isotype                                        | IgG                                                                                                                |
| Purity/Purification                            | Affinity Purification                                                                                              |
| Form/Format                                    | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.                                                                  |
| Sequence Length                                | 692                                                                                                                |
| Applicable Applications for anti-NEK8 antibody | IF (Immunofluorescence), WB (Western Blot)                                                                         |
| Immunogen                                      | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of a human NEK8 (NP_835464.1). |
| Preparation and Storage                        | Store at -20°C. Avoid freeze/ thaw cycles.                                                                         |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using NEK8 antibody (AAA36817) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST



#### IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using NEK8 antibody. Blue: DAPI for nuclear staining.

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NEK8 antibody | This gene encodes a member of the serine/threonine protein kinase family related to NIMA (never in mitosis, gene A) of Aspergillus nidulans. The encoded protein may play a role in cell cycle progression from G2 to M phase. Mutations in the related mouse gene are associated with a disease phenotype that closely parallels the juvenile autosomal recessive form of polycystic kidney disease in humans. [provided by RefSeq, Jul 2008] |
| Product Categories/Family for anti-NEK8 antibody   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 34098463                                                                                                                                                                                                                                                                                            |
| NCBI GeneID                      | 284086                                                                                                                                                                                                                                                                                              |
| UniProt Accession #              | Q86SG6; Q14CL7; Q2M1S6; Q8NDH1; A6NIC5                                                                                                                                                                                                                                                              |
| Molecular Weight                 | Calculated MW: 74kDa<br>Observed MW: 80kDa                                                                                                                                                                                                                                                          |
| NCBI Official Full Name          | Serine/threonine-protein kinase Nek8                                                                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | NIMA-related kinase 8                                                                                                                                                                                                                                                                               |
| NCBI Official Symbol             | NEK8                                                                                                                                                                                                                                                                                                |
| NCBI Official Synonym Symbols    | JCK; NPHP9; RHPD2; NEK12A                                                                                                                                                                                                                                                                           |
| NCBI Protein Information         | serine/threonine-protein kinase Nek8; nephrocystin 9; NIMA-family kinase NEK8; NIMA-related kinase 12a; nimA-related protein kinase 8; nima-related protein kinase 12a; never in mitosis A-related kinase 8; serine/threonine-protein kinase NEK8; NIMA (never in mitosis gene a)- related kinase 8 |
| UniProt Protein Name             | Serine/threonine-protein kinase Nek8                                                                                                                                                                                                                                                                |
| UniProt Gene Name                | NEK8                                                                                                                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | JCK; NEK12A; NimA-related protein kinase 8                                                                                                                                                                                                                                                          |
| UniProt Entry Name               | NEK8_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://stage.aaabiotech.com/polyclonal/nek8-antibody-immunofluorescence-western-blot-elisa/36817>