

## Rabbit NEK7 Polyclonal Antibody | anti-NEK7 antibody

Rabbit Polyclonal to Human NEK7

| CATALOG # | HOST   | REACTIVITY                                                                                                                             | APPLICATIONS         |
|-----------|--------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| AAA51949  | Rabbit | Gibbon, Human<br><b>Predicted Reactivity:</b> Monkey, Bovine, Pig, Rabbit, Chicken, Xenopus (at least 90% immunogen sequence identity) | Immunohistochemistry |

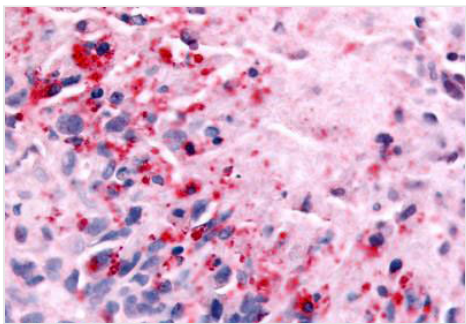
### PRODUCT SYNONYMS

NEK7; Polyclonal Antibody; Rabbit Polyclonal to Human NEK7; Anti-NEK7 Antibody (Kinase Domain) IHC-plus; NimA-related protein kinase 7; NIMA-related kinase 7; Human NEK7; anti-NEK7 antibody

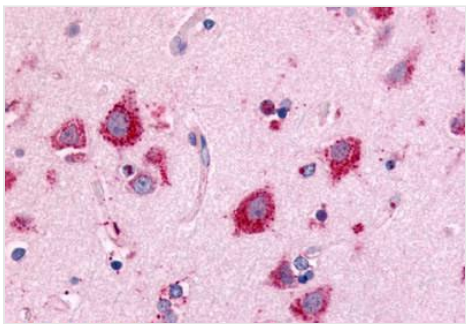
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                   |
| Reactivity                                     | Gibbon, Human<br><b>Predicted Reactivity:</b> Monkey, Bovine, Pig, Rabbit, Chicken, Xenopus (at least 90% immunogen sequence identity)                                                                                                                                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                               |
| Specificity                                    | Human NEK7. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                                                                                                                                                                                                                                                                        |
| Purity/Purification                            | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                    | PBS, 0.1% sodium azide.                                                                                                                                                                                                                                                                                                                                                  |
| Concentration                                  | 1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                  |
| Sequence Length                                | 302                                                                                                                                                                                                                                                                                                                                                                      |
| Applicable Applications for anti-NEK7 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                               |
| Target Species                                 | Human                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen Description                          | Synthetic 17 amino acid peptide from kinase domain of human NEK7. Percent identity with other species by BLAST analysis: Human, Gibbon, Marmoset (100%).                                                                                                                                                                                                                 |
| Immunogen Type                                 | Synthetic peptide                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen                                      | NEK7 antibody was raised against synthetic 17 amino acid peptide from kinase domain of human NEK7. Percent identity with other species by BLAST analysis: Human, Gibbon, Marmoset (100%); Monkey, Elephant, Panda, Bovine, Rabbit, Pig, Opossum, Turkey, Chicken, Xenopus, Stickleback, Pufferfish (94%); Mouse, Rat, Hamster, Dog, Bat, Horse, Salmon, Zebrafish (88%). |
| Antigen Modification                           | Kinase Domain                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage                        | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                                                                                                                                                                         |

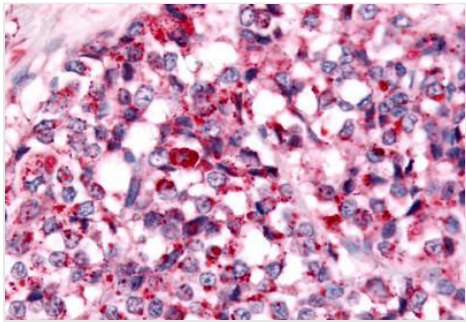
IMAGES



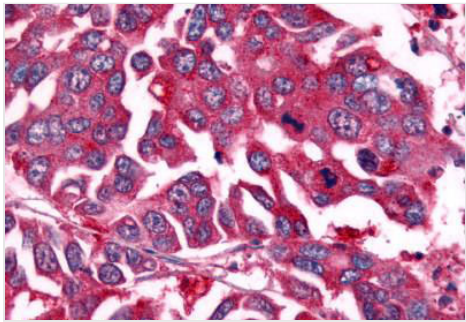
**IHC (Immunohistochemistry)**  
Anti-NEK7 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-NEK7 antibody IHC of human brain, neurons and glia. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-NEK7 antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-NEK7 antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                    |                                                                                                 |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NEK7 antibody | NEK7 encodes a NEK type protein kinase, which contains a C-terminal NIMA-like catalytic domain. |
| Product Categories/Family for anti-NEK7 antibody   | Family: Protein Kinase; Subfamily: NEK                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 19424132                                                                                                                                                  |
| NCBI GeneID                      | 140609                                                                                                                                                    |
| NCBI Accession #                 | NP_598001.1                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_133494.2                                                                                                                                               |
| UniProt Accession #              | Q8TDX7; A6NGT8                                                                                                                                            |
| Molecular Weight                 | 13,402 Da                                                                                                                                                 |
| NCBI Official Full Name          | serine/threonine-protein kinase Nek7                                                                                                                      |
| NCBI Official Synonym Full Names | NIMA-related kinase 7                                                                                                                                     |
| NCBI Official Symbol             | NEK7                                                                                                                                                      |
| NCBI Protein Information         | serine/threonine-protein kinase Nek7; nimA-related protein kinase 7; never in mitosis A-related kinase 7; NIMA (never in mitosis gene a)-related kinase 7 |
| UniProt Protein Name             | Serine/threonine-protein kinase Nek7                                                                                                                      |
| UniProt Gene Name                | NEK7                                                                                                                                                      |

|                            |                               |
|----------------------------|-------------------------------|
| UniProt Synonym Gene Names | NimA-related protein kinase 7 |
| UniProt Entry Name         | NEK7_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/nek7-antibody-immunohistochemistry-elisa/51949>