

## NEK3

**Reactivity:** Human

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 57kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human NEK3

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HSPK36;

**Catalog #:** A6665

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 4752

**Isotype:** IgG

**Swiss Prot:** P51956

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes a member of the NimA (never in mitosis A) family of serine/threonine protein kinases. The encoded protein differs from other NimA family members in that it is not cell cycle regulated and is found primarily in the cytoplasm. The kinase is activated by prolactin stimulation, leading to phosphorylation of VAV2 guanine nucleotide exchange factor, paxillin, and activation of the RAC1 GTPase. Multiple transcript variants encoding different isoforms have been found for this gene.

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