

Product Datasheet

NEK2 Antibody - BSA Free

NBP1-78022

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

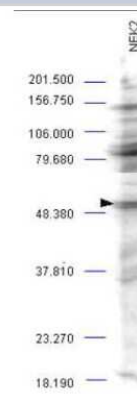
Product Description	
Description	<p>This product is an affinity-purified antibody produced by immunoaffinity chromatography using peptide coupled to agarose beads</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>
Host	Rabbit
Gene ID	4751
Gene Symbol	NEK2
Species	Human, Mouse
Reactivity Notes	BLAST analysis indicates 100 % homology of the immunizing sequence with NEK2 homologues from human and chimpanzee. Cross reactivity with NEK2 protein homologues from other sources may not occur as sequence homology varies by at least one amino acid residue in this sequence.
Specificity/Sensitivity	BLAST analysis indicates 100 % homology of the immunizing sequence with NEK2 homologues from human and chimpanzee. Cross reactivity with NEK2 protein homologues from other sources may not occur as sequence homology varies by at least one amino acid residue in this sequence.
Immunogen	This affinity purified NEK2 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 275-300 of Human NEK2 protein. (Uniprot: P51955)

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:2000-1:10000, Immunocytochemistry/ Immunofluorescence 1:10-1:500
Application Notes	This affinity purified antibody has been tested for use in ELISA and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 52 kDa in size corresponding to NEK2 protein by western blotting in the appropriate cell lysate or extract. Splice variants exist for this protein that may result in the detection of lower molecular weight bands.

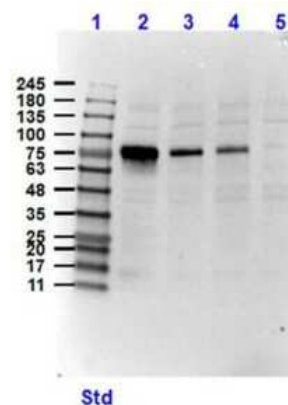


Images

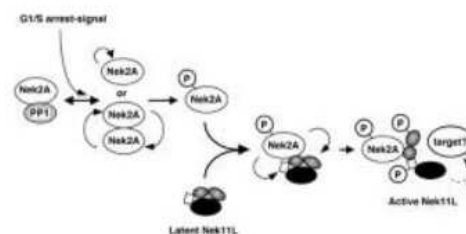
Western Blot: NEK2 Antibody [NBP1-78022] - Western blot analysis is shown using Affinity Purified NEK2 antibody to detect enCanineenous protein present in an unstimulated mouse A-20 whole cell lysate (arrowhead). Comparison to a molecular weight marker indicates a band of ~52 kDa correspond-ing to NEK2 protein. The blot was incubated with a 1:500 dilution of the antibody at room temperature followed by detection using standard techniques.



Western Blot: NEK2 Antibody [NBP1-78022] - Western Blot of NEK2 antibody. Lane 1: Opal Pre-stained Molecular Weight Marker. Lane 2: Jurkat cell lysate (10ug) spiked with rec. NEK2 protein (50ng). Lane 3: Jurkat cell lysate (10ug) spiked with rec. NEK2 protein (20ng). Lane 4: Jurkat cell lysate (10ug) spiked with rec. NEK2 protein (20ng). Lane 5: Jurkat cell lysate (10ug). Primary Antibody: Anti-NEK2 at 1ug/mL overnight at 2-8C. Secondary Antibody: Goat Anti-Rabbit IgG HRP at 1:70,000 for 30mins at RT. Block: BlockOut Buffer. Expect/Observed MW: ~76kDa rec NEK2.



N/A: NEK2 Antibody [NBP1-78022]





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Products Related to NBP1-78022

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57424PEP	NEK2 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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