

DATASHEET

NEK3 Rabbit Polyclonal Antibody

CAT. NO. APA12957

KEY FEATURES

Target	NEK3	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Protein kinase which influences neuronal morphogenesis and polarity through effects on microtubules. Regulates microtubule acetylation in neurons. Contributes to prolactin-mediated phosphorylation of PXN and VAV2. Implicated in prolactin-mediated cytoskeletal reorganization and motility of breast cancer cells through mechanisms involving RAC1 activation and phosphorylation of PXN and VAV2.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

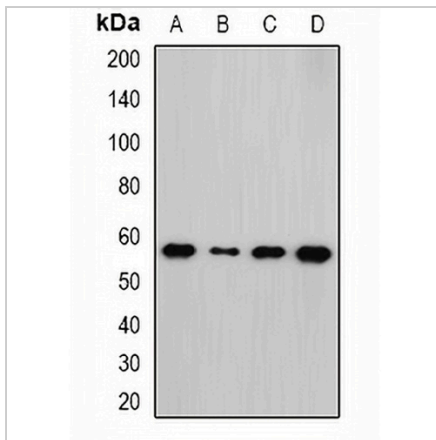
Description	Rabbit polyclonal antibody to NEK3
Specificity	Recognizes endogenous levels of NEK3 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NEK3
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 55; Observed: 55 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Serine/threonine-protein kinase Nek3; HSPK 36; Never in mitosis A-related kinase 3; NimA-related protein kinase 3
Gene Symbol	NEK3
Entrez Gene	4752(Human)
SwissProt	P51956(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NEK3 expression in HepG2 (A), HeLa (B), mouse kidney (C), rat brain (D) whole cell lysates. (Predicted band size: 55; 57 kD; Observed band size: 55 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.