

DATASHEET

NEK8 Rabbit Polyclonal Antibody

CAT. NO. APA16267

KEY FEATURES

Target	NEK8	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

Required for renal tubular integrity. May regulate local cytoskeletal structure in kidney tubule epithelial cells. May regulate ciliary biogenesis through targeting of proteins to the cilia . Plays a role in organogenesis, and is involved in the regulation of the Hippo signaling pathway .

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

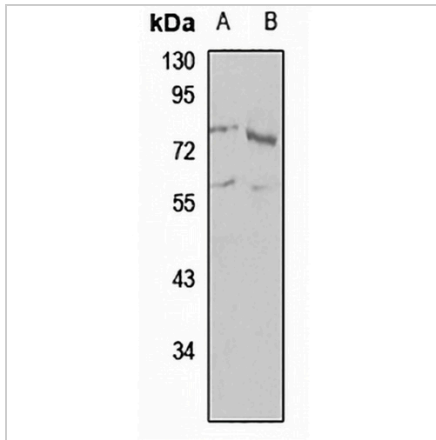
Description	Rabbit polyclonal antibody to NEK8
Specificity	Recognizes endogenous levels of NEK8 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human NEK8. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 74 kD; Observed: 74 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	JCK; NEK12A; Serine/threonine-protein kinase Nek8; Never in mitosis A-related kinase 8; NimA-related protein kinase 8; Nima-related protein kinase 12a
Gene Symbol	NEK8
Entrez Gene	284086(Human); 140859(Mouse)
SwissProt	Q86SG6(Human); Q91ZR4(Mouse)

*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 NEK8 expression in K562 (A), mouse liver (B) whole cell lysates.
(Predicted band size: 74 kD; Observed band size: 74 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.