

Datasheet for ABIN2783561
anti-NEK11 antibody (Middle Region)

5 Images

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Overview

Quantity:	100 µL
Target:	NEK11
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Cow, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEK11 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human NEK11
Sequence:	KEIRNEGSQP AYRTNQDSD IEALARCLN VLGCTSLDTK TITTMAEDMS
Predicted Reactivity:	Cow: 77%, Horse: 100%, Human: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against NEK11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	NEK11
Alternative Name:	NEK11 (NEK11 Products)

Target Details

Background:	NEK11 is a member of the never in mitosis gene A family of kinases. NEK11 localizes to the nucleoli, and may function with NEK2A in the S-phase checkpoint. It appears to play roles in DNA replication and response to genotoxic stress. NEK11 belongs to the NIMA family of kinases, which are involved in DNA replication and genotoxic stress responses (Noguchi et al., 2002 [PubMed 12154088]).[supplied by OMIM]. Sequence Note: removed 2 bases from the 3' end that did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2937 AB071996.1 1-2937 Alias Symbols: FLJ23495 Protein Interaction Partner: MYC, HSP90AA1, APP, NEK11, NEK2, Protein Size: 645
Molecular Weight:	74 kDa
Gene ID:	79858
NCBI Accession:	NM_024800 , NP_079076
UniProt:	Q8NG66

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 645 AA
Restrictions:	For Research Use only

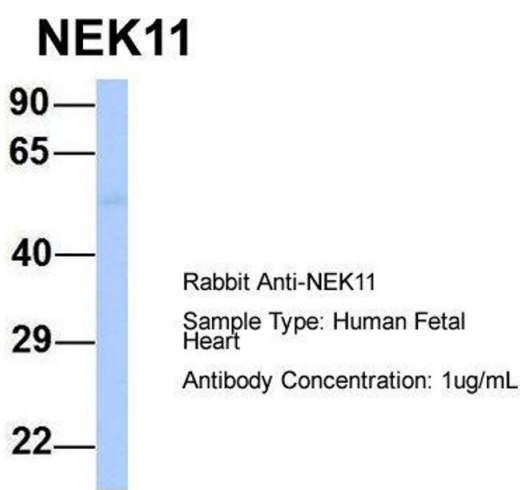
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

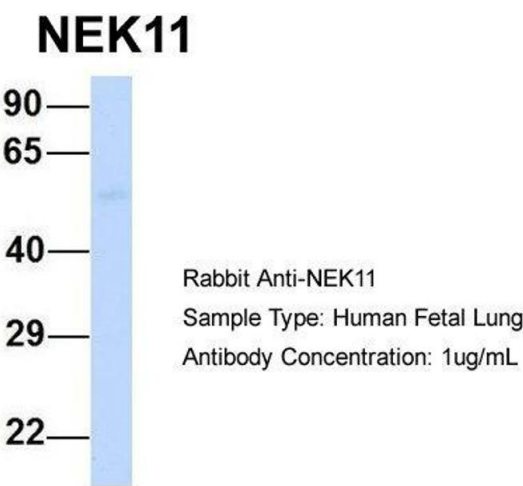
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



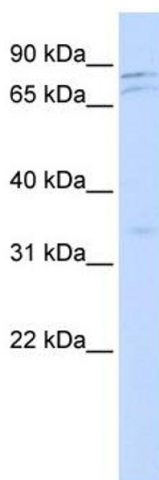
Western Blotting

Image 1. Host: Rabbit Target Name: NEK11 Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. Host: Rabbit Target Name: NEK11 Sample Type: Human Fetal Lung Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. WB Suggested Anti-NEK11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate NEK11 is supported by BioGPS gene expression data to be expressed in HEK293T

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2783561.