



Datasheet for ABIN3021383
anti-NUAK2 antibody (AA 523-672)



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2 Images

Overview

Quantity:	100 µL
Target:	NUAK2
Binding Specificity:	AA 523-672
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUAK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 523-672 of human NUAK2 (NP_112214.2).
Sequence:	VSGDPKEQKP PQASGLLLHR KGILKLNKGF SQTALELAAP TTFGSLDELA PPRPLARASR PSGAVSEDSI LSESFDQLD LPERLPEPPL RGCVSVDNLT GLEPPSEGP GSCLRRWRQD PLGDSCFSLT DCQEVATYR QALRVCSKLT
Isotype:	IgG
Cross-Reactivity:	Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NUAK2
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Target Details

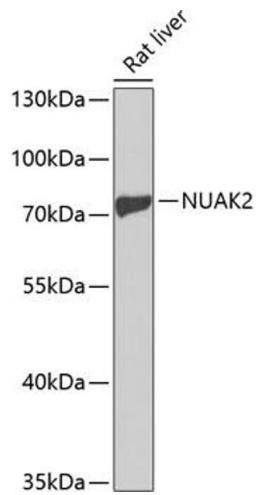
Alternative Name:	NUAK2 (NUAK2 Products)
Background:	Stress-activated kinase involved in tolerance to glucose starvation. Induces cell-cell detachment by increasing F-actin conversion to G-actin. Expression is induced by CD95 or TNF-alpha, via NF-kappa-B. Protects cells from CD95-mediated apoptosis and is required for the increased motility and invasiveness of CD95-activated tumor cells. Able to phosphorylate 'Ser-464' of LATS1.,NUAK2,SNARK,Cancer,Invasion and Metastasis,Signal Transduction,Kinase,Cell Biology & Developmental Biology,Apoptosis,Cytoskeleton,Microfilaments,NUAK2
Molecular Weight:	69 kDa
Gene ID:	81788
UniProt:	Q9H093

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

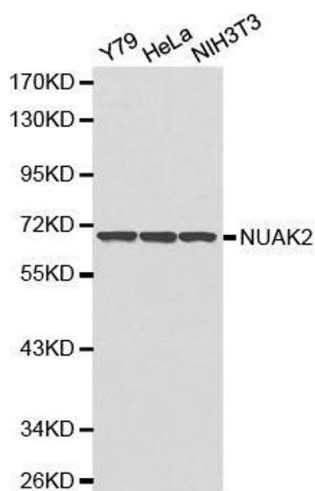
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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 freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of rat liver, using NU antibody (ABIN3021382, ABIN3021383, ABIN3021384 and ABIN6214981) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using NUAK2 antibody.