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Datasheet for ABIN7268118 anti-KIN antibody (AA 180-270)

Image



Overview

Quantity:	100 µL
Target:	KIN
Binding Specificity:	AA 180-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIN antibody is un-conjugated
Application:	Western Blotting (WB)

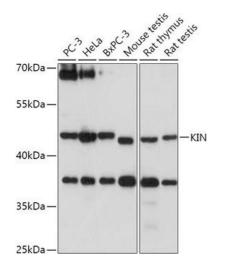
Product Details

Purpose:	KIN Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 180-270 of human KIN (NP_036443.1).
Sequence:	GLEGKEQEVP TFTELSREND EEKVTFNLSK GACSSSGATS SKSSTLGPSA LKTIGSSASV KRKESSQSST QSKEKKKKKS ALDEIMEIEE E
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

Target:	KIN
Alternative Name:	KIN (KIN Products)
Background:	The protein encoded by this gene is a nuclear protein that forms intranuclear foci during
	proliferation and is redistributed in the nucleoplasm during the cell cycle. Short-wave ultraviolet
	light provokes the relocalization of the protein, suggesting its participation in the cellular
	response to DNA damage. Originally selected based on protein-binding with RecA antibodies,
	the mouse protein presents a limited similarity with a functional domain of the bacterial RecA
	protein, a characteristic shared by this human ortholog. Alternative splicing of this gene results
	in multiple transcript variants. [provided by RefSeq, Jan 2012],BTCD,KIN17,Rts2,KIN,Epigenetics
	& Nuclear Signaling,DNA Damage & Repair,KIN
Molecular Weight:	43kDa/45kDa
Gene ID:	22944
UniProt:	O60870
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.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using KIN antibody (ABIN7268118) 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.

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