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Datasheet for ABIN391224 anti-MELK antibody (C-Term)

2 Images



Overview

Quantity:	400 µL
Target:	MELK
Binding Specificity:	AA 525-554, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MELK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

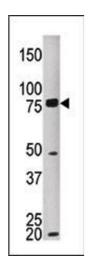
Immunogen:	This MELK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 525-554 amino acids from the C-terminal region of human MELK.
Clone:	RB8557
lsotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

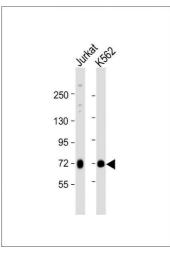
Target Details

Target:	MELK
Alternative Name:	MELK (MELK Products)

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Target Details	
Background:	MELK Contains 1 protein kinase domain that Belongs to the Ser/Thr protein kinase family. It phosphorylates ZNF622 and may contribute to its redirection to the nucleus. MELK may also be involved in the inhibition of spliceosome assembly during mitosis.
Molecular Weight:	74642
Gene ID:	9833
NCBI Accession:	NP_001243614, NP_001243616, NP_001243617, NP_001243618, NP_001243619, NP_001243621, NP_001243622, NP_055606
UniProt:	Q14680
Application Details	
Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





Western Blotting

Image 1. The anti-MELK Pab (ABIN391224 and ABIN2841298) is used in Western blot to detect MKEL in HEPG2 tissue lysate

Western Blotting

Image 2. All lanes : Anti-MELK Antibody C-term at 1:1000 dilution Lane 1: Jurkat whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 75 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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