

Datasheet for ABIN2782538
anti-MELK antibody (Middle Region)



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1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human MELK
Sequence:	AVKNEEYFMF PEPKTPVNKN QHKREILTTP NRYTTPSKAR NQCLKETPIK
Predicted Reactivity:	Cow: 79%, Dog: 93%, Guinea Pig: 80%, Horse: 100%, Human: 100%, Rabbit: 87%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against MELK. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	MELK
Alternative Name:	MELK (MELK Products)

Target Details

Background:	The protein MELK phosphorylates ZNF622 and may contribute to its redirection to the nucleus. Also it may be involved in the inhibition of spliceosome assembly during mitosis. Alias Symbols: HPK38, KIAA0175 Protein Interaction Partner: UBC, YGR054W, Acaca, CSN1S1, MELK, MBP, LMNB1, BABAM1, ZNF622, SF3B1, EIF2S1, CDC5L, PPP1R8, HIST1H1B, CDC25B, Protein Size: 651
Molecular Weight:	75 kDa
Gene ID:	9833
NCBI Accession:	NM_014791 , NP_055606
UniProt:	Q14680

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 651 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
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.



Western Blotting

Image 1. WB Suggested Anti-MELK Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: HT1080 cell lysate