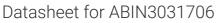
# antibodies - online.com







# anti-MELK antibody (AA 381-415)





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Quantity:	0.4 mL	
Target:	MELK	
Binding Specificity:	AA 381-415	
Reactivity:	Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MELK antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA	
Product Details		
Immunogen:	This mouse Melk antibody was produced from a rabbit immunized with a KLH conjugated	
Immunogen:	This mouse Melk antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.	
Immunogen: Isotype:	,	
	synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.	
Isotype:	synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.  Ig Fraction	
Isotype: Purification:	synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.  Ig Fraction	
Isotype: Purification: Target Details	synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.  Ig Fraction  Antigen affinity purified	
Isotype: Purification: Target Details Target:	synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.  Ig Fraction  Antigen affinity purified  MELK	
Isotype: Purification: Target Details Target: Alternative Name:	synthetic peptide between 381-415 amino acids from the Central region of mouse Melk.  Ig Fraction  Antigen affinity purified  MELK  Melk (MELK Products)	

#### **Target Details**

apoptosis by phosphorylating and activating MAP3K5/ASK1. Acts as a regulator of cell cycle, notably by mediating phosphorylation of CDC25B, promoting localization of CDC25B to the centrosome and the spindle poles during mitosis. Plays a key role in cell proliferation. Required for proliferation of embryonic and postnatal multipotent neural progenitors. Phosphorylates and inhibits BCL2L14. Also involved in the inhibition of spliceosome assembly during mitosis by phosphorylating ZNF622, thereby contributing to its redirection to the nucleus. May also play a role in primitive hematopoiesis.

UniProt:

Q61846

## **Application Details**

Application Notes:	Titration of the Melk antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide

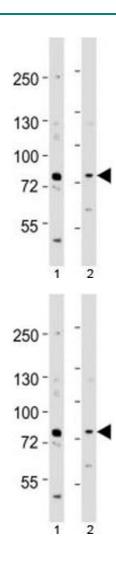
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the Melk antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw

cycles.



### **Western Blotting**

**Image 1.** Western blot testing of Melk antibody at 1:1000 dilution. Lane 1: mouse spleen lysate; 2: mouse thymus lysate; Predicted molecular weight  $\sim 73$  kDa.

#### **Western Blotting**

**Image 2.** Western blot testing of Melk antibody at 1:1000 dilution. Lane 1: mouse spleen lysate