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Mouse Uhmk1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17442a

Product Information

Application	WB, E
Primary Accession	P97343
Other Accession	Q63285, Q8TAS1, NP_034763.3
Reactivity	Human, Rat, Mouse
Predicted	Human, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37157
Calculated MW	46489
Antigen Region	1-30

Additional Information

Gene ID	16589
Other Names	Serine/threonine-protein kinase Kist, Kinase interacting with stathmin, PAM COOH-terminal interactor protein 2, P-CIP2, U2AF homology motif kinase 1, Uhmk1, Kis, Kist
Target/Specificity	This Mouse Uhmk1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of mouse Uhmk1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Mouse Uhmk1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Uhmk1
Synonyms	Kis, Kist

Function	Upon serum stimulation, phosphorylates CDKN1B/p27Kip1, thus controlling CDKN1B subcellular location and cell cycle progression in G1 phase. May be involved in trafficking and/or processing of RNA (By similarity).
Cellular Location	Nucleus. Note=Mostly nuclear

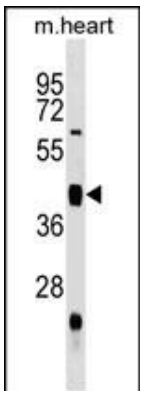
Background

Upon serum stimulation, phosphorylates CDKN1B/p27Kip1, thus controlling CDKN1B subcellular location and cell cycle progression in G1 phase. May be involved in trafficking and/or processing of RNA (By similarity).

References

Francone, V.P., et al. Mol. Endocrinol. 24(8):1543-1558(2010)
Cambray, S., et al. Mol. Cell. Biol. 29(3):726-735(2009)
Langenickel, T.H., et al. J. Clin. Invest. 118(12):3848-3859(2008)
McKee, A.E., et al. BMC Dev. Biol. 5, 14 (2005) :
Cobellis, G., et al. Nucleic Acids Res. 33 (4), E44 (2005) :

Images



Mouse Uhmk1 Antibody (N-term) (Cat. #AP17442a) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the Uhmk1 antibody detected the Uhmk1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.