

Product datasheet

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ARG54858 anti-KIST antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes KIST

Tested Reactivity Hu, Ms
Predict Reactivity Rat

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG
Target Name KIST

Species Human

Immunogen KLH-conjugated synthetic peptide corresponding to aa. 1-30 (N-terminus) of Human KIST.

Conjugation Un-conjugated

Alternate Names PAM COOH-terminal interactor protein 2; KIS; Kinase interacting with stathmin; KIST; Serine/threonine-

protein kinase Kist; P-CIP2; EC 2.7.11.1; U2AF homology motif kinase 1

Application Instructions

Application table	Application	Dilution
	IHC-P	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A549	

Properties

Form Liquid

Purification Purification with Protein G.

Buffer PBS and 0.09% (W/V) Sodium azide

Preservative 0.09% (W/V) Sodium azide

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 127933 Human

GeneID: 16589 Mouse

Swiss-port # P97343 Mouse

Swiss-port # Q8TAS1 Human

Gene Symbol UHMK1

Gene Full Name U2AF homology motif (UHM) kinase 1

Background

The gene encodes a serine/threonine protein kinase that promotes cell cycle progression through G1 by

phosphorylation of the cyclin-dependent kinase inhibitor 1B (p27Kip1), which causes nuclear export and degradation. The encoded protein is also thought to function in the adult nervous system and the gene has been associated with schizophrenia. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, May 2010]

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

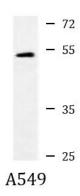
(By similarity). [UniProt]

Research Area Cancer antibody; Cell Biology and Cellular Response antibody; Signaling Transduction antibody

Calculated Mw 47 kDa

Cellular Localization Nucleus.

Images



ARG54858 anti-KIST antibody WB image

Western blot: 35 μg of A549 cell lysate stained with ARG54858 anti-KIST antibody.