

Rabbit Adenylate Kinase 1 Polyclonal Antibody | anti-AK1 antibody

Anti-Adenylate Kinase 1 Antibody

CATALOG # AAA293320	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Monkey, Pig, Chicken, Bovine, SARS, Drosophila	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Adenylate Kinase 1; Polyclonal Antibody; Anti-Adenylate Kinase 1 Antibody; Adenylate kinase isoenzyme 1; AK 1; ATP-AMP transphosphorylase 1; ATP: AMP phosphotransferase; Adenylate monophosphate kinase; Myokinase; anti-AK1 antibody

PRODUCT SPECIFICATIONS

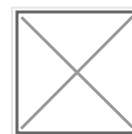
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey, Pig, Chicken, Bovine, SARS, Drosophila
Clonality	Polyclonal
Applicable Applications for anti-AK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Notes	ECO:0000255 HAMAP-Rule: MF_03171
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



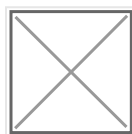
IF (Immunofluorescence)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Immunohistochemical analysis of Adenylate Kinase 1 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200) Western blot analysis of Adenylate Kinase 1 expression in A549 (A), A375 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-AK1 antibody	Rabbit polyclonal antibody to Adenylate Kinase 1 KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Adenylate Kinase 1. The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502011
NCBI GeneID	203
NCBI Accession #	NP_000467.1
NCBI GenBank Nucleotide #	NM_000476.2
UniProt Accession #	P00568; Q9BVK9; Q9UQC7
Molecular Weight	21,635 Da
NCBI Official Full Name	adenylate kinase isoenzyme 1
NCBI Official Synonym Full Names	adenylate kinase 1
NCBI Official Symbol	AK1
NCBI Protein Information	adenylate kinase isoenzyme 1; AK 1; myokinase; ATP:AMP phosphotransferase; ATP-AMP transphosphorylase 1; adenylate monophosphate kinase
UniProt Protein Name	Adenylate kinase isoenzyme 1
UniProt Gene Name	AK1
UniProt Synonym Gene Names	AK 1
UniProt Entry Name	KAD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adenylate-kinase-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/293320>