

Rabbit anti-Human, Mouse KAD1 Polyclonal Antibody | anti-KAD1 antibody

KAD1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA302660	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry

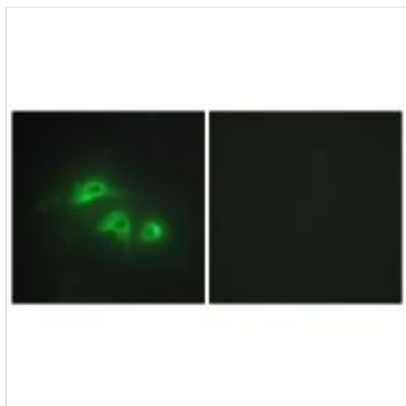
PRODUCT SYNONYMS

KAD1; Polyclonal Antibody; KAD1 Antibody; Adenylate kinase isoenzyme 1; EC 2.7.4.3; ATP-AMP transphosphorylase; AK1; Myokinase; anti-KAD1 antibody

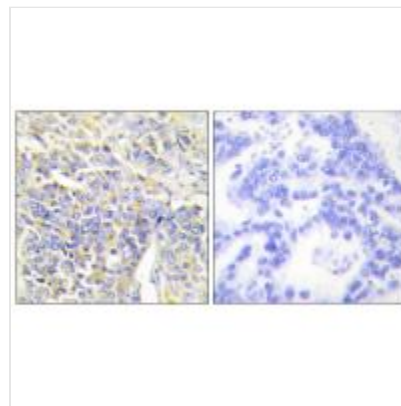
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total KAD1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	194
Applicable Applications for anti-KAD1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human KAD1.
Target Name	KAD1
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using KAD1 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using KAD1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-KAD1 antibody	Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Also displays broad nucleoside diphosphate kinase activity. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism.von Zabern I., Eur. J. Biochem. 68:281-290(1976).Matsuura S., J. Biol. Chem. 264:10148-10155(1989).The MGC Project Team, Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-KAD1 antibody	Total protein Ab

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 Official Synonym Symbols	HTL-S-58j
NCBI Protein Information	adenylate kinase isoenzyme 1
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://www.aaabiotech.com/polyclonal/kad1-antibody-immunofluorescence-immunohistochemistry-elisa/302660>