

Rabbit Adenylate Kinase 3 Polyclonal Antibody | anti-AK3 antibody

Adenylate Kinase 3 Antibody

CATALOG # AAA225221	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Adenylate Kinase 3; Polyclonal Antibody; Adenylate Kinase 3 Antibody; Affinity Purified Rabbit Polyclonal Adenylate kinase 3 Antibody; Polyclonal Adenylate kinase 3 antibody; Anti-Adenylate kinase 3 antibody; nucleoside-triphosphate-adenylate kinase antibody; adenylate kinase 3-like 1 antibody; AK3 antibody; Adenylate kinase 3; mitochondrial adenylate kinase-3 antibody; Adenylate kinase 3 antibody; AK3L1 antibody; Adenylate kinase -3; MGC166959 antibody; ATP-AMP transphosphorylase antibody; AK4 antibody; AK3L2 antibody; Adenylate kinase -3 antibody; GTP:AMP phosphotransferase antibody; anti-AK3 antibody

PRODUCT SPECIFICATIONS

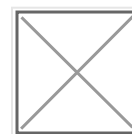
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	216
Applicable Applications for anti-AK3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Adenylate kinase 3 antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 209 of Adenylate kinase 3
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



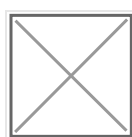
WB (Western Blot)

Western blot analysis of 30 ug whole cell lysate (A: 293T; B: A431; C: H1299; D: HeLa S3; E: Hep G2; F: Raji) using a 12% SDS PAGE gel and Adenylate kinase 3 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded gastric cancer N87 xenograft using Adenylate kinase 3 antibody at a dilution of 1:100



IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using Adenylate kinase 3 antibody at 1:100 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-AK3 antibody	This gene encodes a member of the adenylate kinase family of enzymes. The encoded protein is localized to the mitochondrial matrix. Adenylate kinases regulate the adenine and guanine nucleotide compositions within a cell by catalyzing the reversible transfer of phosphate group among these nucleotides. Five isozymes of adenylate kinase have been identified in vertebrates. Expression of these isozymes is tissue-specific and developmentally regulated. A pseudogene for this gene has been located on chromosome 17.
Product Categories/Family for anti-AK3 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	665393790
NCBI GeneID	41318
NCBI GenBank Nucleotide #	NP_001287280.1
Molecular Weight	25 kDa
NCBI Official Full Name	adenylate kinase 3, isoform D
NCBI Official Synonym Full Names	Adenylate kinase 3
NCBI Official Symbol	Adk3
NCBI Official Synonym Symbols	AK3; bs12h03.y1; CG6612; Dak3; DAK3; DmelCG6612
NCBI Protein Information	adenylate kinase 3

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-3-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/225221>