

Rabbit anti-Human, Mouse Adenylate kinase 2 Polyclonal Antibody | anti-AK2 antibody

Rabbit anti-human Adenylate kinase 2, mitochondrial polyclonal Antibody(AK2)

CATALOG # AAA119193	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Adenylate kinase 2; Polyclonal Antibody; Rabbit anti-human Adenylate kinase 2; mitochondrial polyclonal Antibody(AK2); AK 2; ATP-AMP transphosphorylase 2; ATP:AMP phosphotransferase; Adenylate monophosphate kinase; AK2; ADK2; anti-AK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	224
Applicable Applications for anti-AK2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant Adenylate kinase 2, mitochondrial protein(1-232aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-17621 / sc-17623 / sc-28786
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



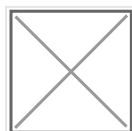
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney using AAA119193 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver using AAA119193 at dilution 1:100



WB (Western Blot)

All lanes: Adenylate kinase 2, mitochondrial antibody at 5ug/ml
Lane 1: HeLa whole cell lysate
Lane 2: mouse kidney tissue
Lane 3: mouse small intestine tissue
Secondary: Goat polyclonal to rabbit at 1/10000 dilution
Predicted band size: 27,26,23,15,25,22 kDa
Observed band size: 26 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AK2 antibody	Catalyzes the reversible transfer of the terminal phosphate group between ATP and AMP. Plays an important role in cellular energy homeostasis and in adenine nucleotide metabolism. Adenylate kinase activity is critical for regulation of the phosphate utilization and the AMP de novo biosynthesis pathways. Plays a key role in hematopoiesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312836806
NCBI GeneID	204
NCBI Accession #	NP_001186128.1
NCBI GenBank Nucleotide #	NM_001199199.1
UniProt Accession #	P54819; Q16856; Q5EB54; Q5TIF7; Q8TCY2; Q8TCY3; A8K6L1; B4DHH7; B4DL64
Molecular Weight	21,636 Da
NCBI Official Full Name	adenylate kinase 2, mitochondrial isoform c
NCBI Official Synonym Full Names	adenylate kinase 2
NCBI Official Symbol	AK2
NCBI Official Synonym Symbols	ADK2
NCBI Protein Information	adenylate kinase 2, mitochondrial
UniProt Protein Name	Adenylate kinase 2, mitochondrial
UniProt Gene Name	AK2
UniProt Synonym Gene Names	AK 2
UniProt Entry Name	KAD2_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-2-antibody-immunohistochemistry-western-blot-elisa/119193>