

Rabbit anti-Human, Mouse AK1 Polyclonal Antibody | anti-AK1 antibody

AK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA231300	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

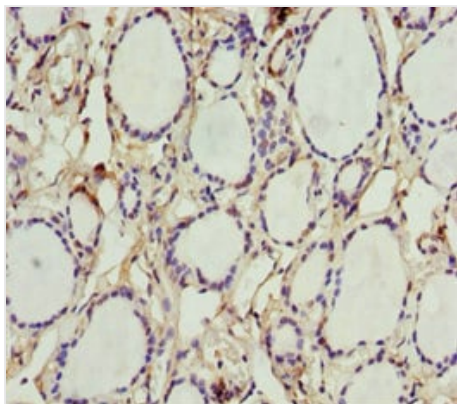
PRODUCT SYNONYMS

AK1; Polyclonal Antibody; AK1 Antibody; Adenylate kinase isoenzyme 1; ATP-AMP transphosphorylase 1; anti-AK1 antibody

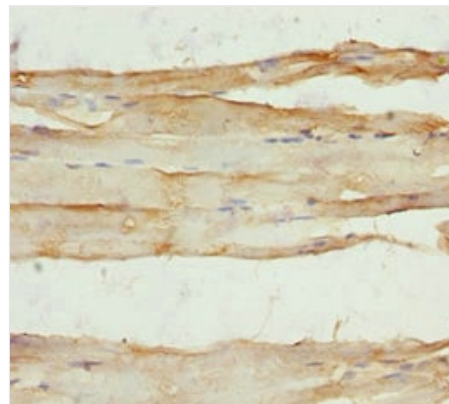
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	194
Applicable Applications for anti-AK1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Adenylate kinase isoenzyme 1 protein (1-194AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-22567 / sc-17619
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

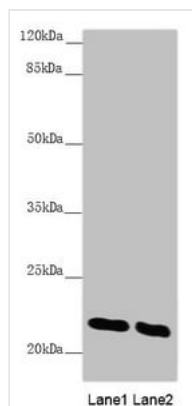
IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human thyroid tissue using AAA231300 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA231300 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: AK1 antibody at 0.51 ug/mL
Lane 1: Mouse skeletal muscle tissue
Lane 2: Mouse heart tissue
SecondaryGoat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 22 kDa
Observed band size: 22 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-AK1 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.

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 isoform 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/ak1-antibody-immunohistochemistry-western-blot-elisa/231300>