Rabbit AK1 Polyclonal Antibody | anti-AK1 antibody

AK1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28266	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

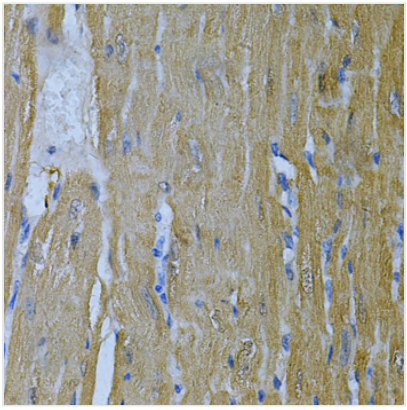
PRODUCT SYNONYMS

AK1; Polyclonal Antibody; AK1 Polyclonal Antibody; HTL-S-58j; anti-AK1 antibody

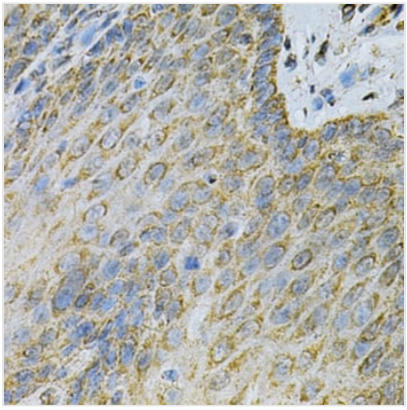
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MEEKLKKTKI IFVVGGPGSG KGTQCEKIVQ KYGYTHLSTG DLLRSEVSSG SARGKKLSEI MEKGQLVPLE TVLDMLRDAM VAKVNTSKGF LIDGYPREVQ QGEEFERRIG QPTLLLYVDA GPETMTQRLL KRGETSGRVD DNEETIKKRL ETYYKATEPV IAFYEKRGIV RKVNAEGSVD SVFSQVCTHL DALK
Sequence Length	194
Applicable Applications for anti-AK1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:200
Immunogen	Recombinant protein of human AK1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

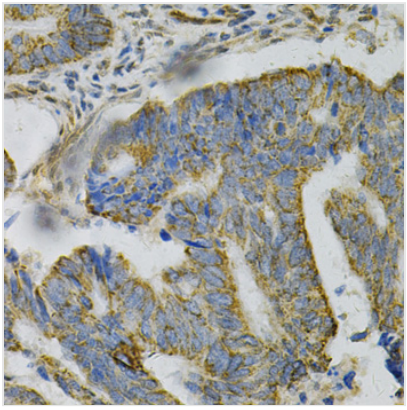
IMAGES



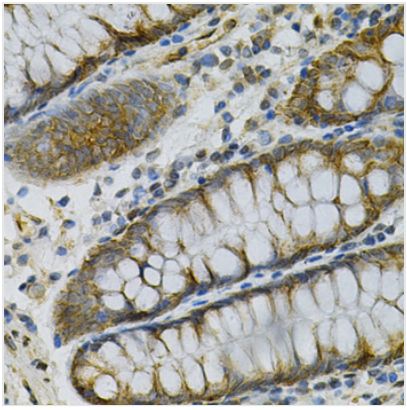
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse heart using AK1 Antibody at dilution of 1:100 (40x lens).



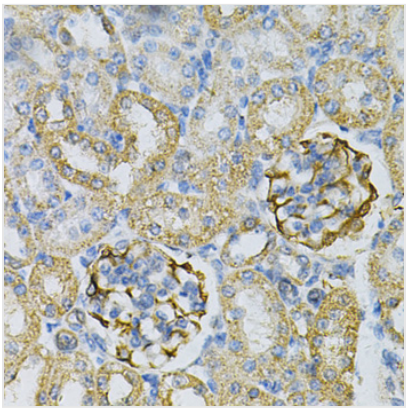
IHC (Immunohistchemistry)
Immunohistochemistry of paraffin-embedded human esophagus using AK1 Antibody at dilution of 1:100 (40x lens).



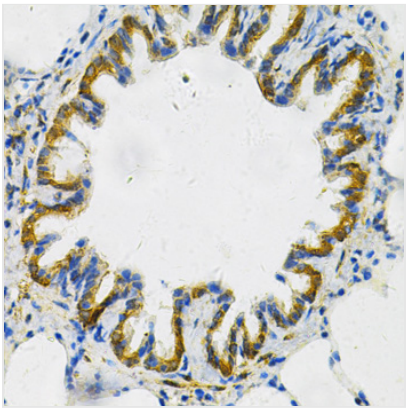
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon carcinoma using AK1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon using AK1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat kidney using AK1 Antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat lung using AK1 Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-AK1 antibody	This gene encodes an adenylate kinase enzyme involved in energy metabolism and homeostasis of cellular adenine nucleotide ratios in different intracellular compartments. This gene is highly expressed in skeletal muscle, brain and erythrocytes. Certain mutations in this gene resulting in a functionally inadequate enzyme are associated with a rare genetic disorder causing nonspherocytic hemolytic anemia. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.

Product Categories/Family for anti-AK1 antibody	Polyclonal Antibodies

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	Calculated: 21kDa Observed: 22kDa
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

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-western-blot-immunohistochemistry-immunofluorescence-elisa/28266