

Rabbit AK2 Polyclonal Antibody | anti-AK2 antibody

AK2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169178	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

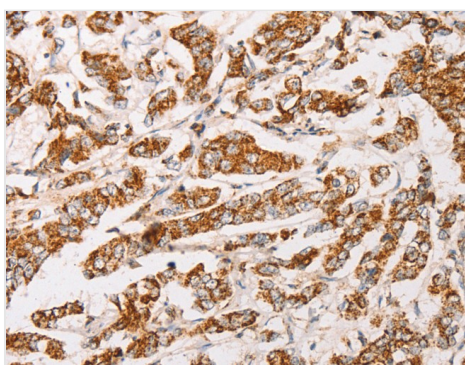
PRODUCT SYNONYMS

AK2; Polyclonal Antibody; AK2 Polyclonal Antibody; ADK2; AK 2; anti-AK2 antibody

PRODUCT SPECIFICATIONS

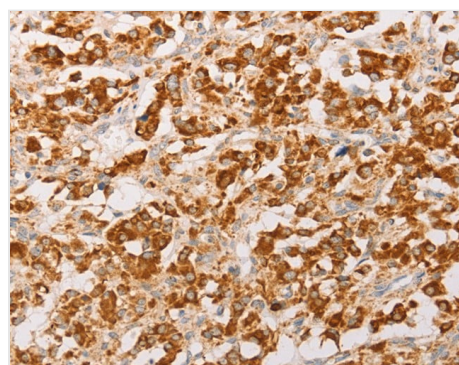
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1.2mg/mL (varies by lot)
Sequence Length	224
Applicable Applications for anti-AK2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human AK2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



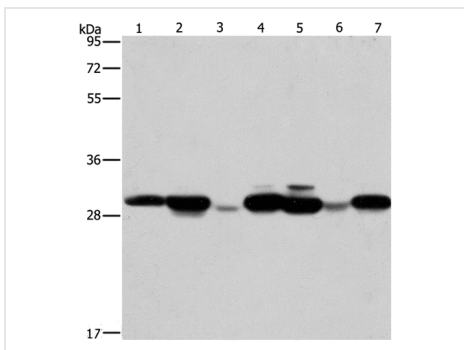
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human breast cancer using AK2 Polyclonal Antibody at dilution of 1:30



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using AK2 Polyclonal Antibody at dilution of 1:30



WB (Western Blot)

Western Blot analysis of Human placenta tissue and A549 cell, Mouse brain tissue and hepG2 cell, Raji cell and Human fetal liver tissue, hela cell using AK2 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-AK2 antibody	Adenylate kinases are involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. Three isozymes of adenylate kinase, namely 1, 2, and 3, have been identified in vertebrates; this gene encodes isozyme 2. Expression of these isozymes is tissue-specific and developmentally regulated. Isozyme 2 is localized in the mitochondrial intermembrane space and may play a role in apoptosis. Mutations in this gene are the cause of reticular dysgenesis. Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 1 and 2.
Product Categories/Family for anti-AK2 antibody	Cancer ; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	312836806
NCBI GeneID	204
NCBI Accession #	NP_001186128.1
NCBI GenBank Nucleotide #	NM_001199199.1
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; AK 2
NCBI Protein Information	adenylate kinase 2, mitochondrial; AK 2; AK2; ATP-AMP transphosphorylase 2; ATP:AMP phosphotransferase; adenylate kinase isoenzyme 2, mitochondrial; adenylate monophosphate kinase
UniProt Protein Name	Adenylate kinase 2, mitochondrial
UniProt Gene Name	AK2
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/ak2-antibody-immunohistochemistry-western-blot-elisa/169178>