

Rabbit anti-Human AK4 Polyclonal Antibody | anti-AK4 antibody

AK4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306572	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

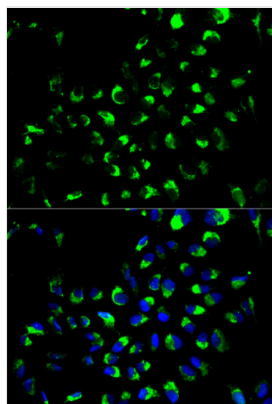
PRODUCT SYNONYMS

AK4; Polyclonal Antibody; AK4 Antibody; AK3; AK3L1; AK3L2; anti-AK4 antibody

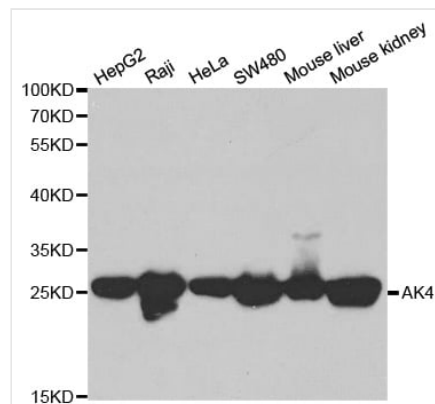
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total AK4 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	223
Applicable Applications for anti-AK4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AK4.
Target Name	AK4
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of A549 cell using AK4 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using AK4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-AK4 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. Three transcript variants encoding the same protein have been identified for this gene. Sequence alignment suggests that the gene defined by NM013410, NM203464, and NM001005353 is located on chromosome 1.
Product Categories/Family for anti-AK4 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	53832003
NCBI GeneID	205
NCBI Accession #	NP_001005353.1
NCBI GenBank Nucleotide #	NM_001005353.2
UniProt Accession #	P27144; Q6IBH4; Q6NXQ5; Q8IUU9; B2R927; D3DQ62
Molecular Weight	25,268 Da
NCBI Official Full Name	adenylate kinase 4, mitochondrial
NCBI Official Synonym Full Names	adenylate kinase 4
NCBI Official Symbol	AK4
NCBI Official Synonym Symbols	AK3; AK 4; AK3L1; AK3L2
NCBI Protein Information	adenylate kinase 4, mitochondrial
UniProt Protein Name	Adenylate kinase 4, mitochondrial
UniProt Gene Name	AK4
UniProt Synonym Gene Names	AK 4
UniProt Entry Name	KAD4_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/ak4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306572>