

Rabbit anti-Human AK2 Polyclonal Antibody | anti-AK2 antibody

Rabbit anti-AK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA220136	Rabbit	Human	Immunohistochemistry, Western Blot

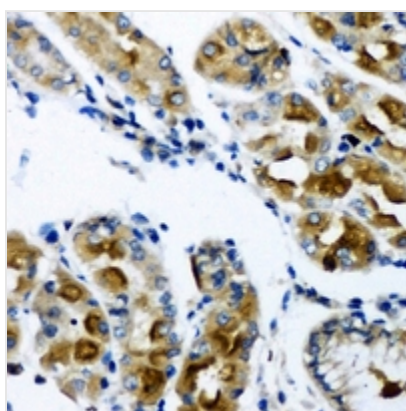
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

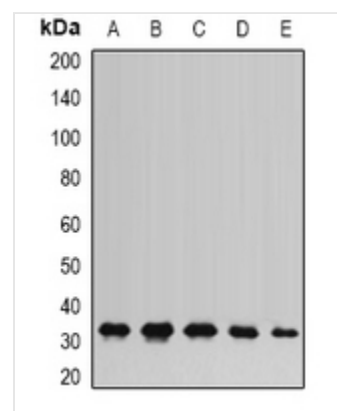
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-AK2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human AK2
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of AK2 staining in human gastric cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of AK2 expression in HT29 (A), HeLa (B), mouse liver (C), mouse kidney (D), rat heart (E) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-AK2 antibody	Primary antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1708596
NCBI GeneID	204
UniProt Accession #	P54819; Q16856; Q5EB54; Q5TIF7; Q8TCY2; Q8TCY3; A8K6L1; B4DHH7; B4DL64
Molecular Weight	232
NCBI Official Full Name	Adenylate kinase 2, mitochondrial
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; AK2; AK 2; ATP:AMP phosphotransferase; ATP-AMP transphosphorylase 2; adenylate monophosphate kinase; adenylate kinase isoenzyme 2, mitochondrial
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/220136>