

Rabbit Adenylate Kinase 2 Polyclonal Antibody | anti-AK2 antibody

Adenylate Kinase 2 (AK2) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA144749	Rabbit	Rat, Human, Mouse	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

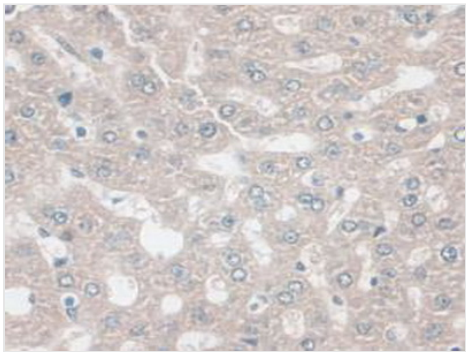
PRODUCT SYNONYMS

Adenylate Kinase 2; Polyclonal Antibody; Adenylate Kinase 2 (AK2) Polyclonal Antibody; ADK2; Adenylate monophosphate kinase; ATP-AMP transphosphorylase 2; AMP phosphotransferase; anti-AK2 antibody

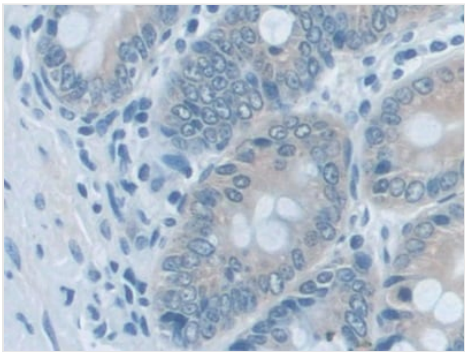
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat, Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against AK2. It has been selected for its ability to recognize AK2 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4 containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	239
Applicable Applications for anti-AK2 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunoglobulin Type	IgG
Conjugate	No Conjugate
Cross Reactivity	Rat
Organism Species	Rat
Fragment	AK2 (Leu64~Ser232)
Quality Control	Content: The quality control contains recombinant AK2 (Leu64~Ser232) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

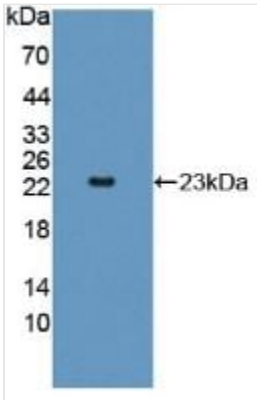
IMAGES



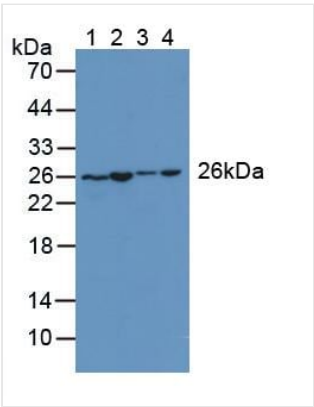
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Liver Tissue.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Rat Large Intestine Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant AK2, Rat.



WB (Western Blot)
Western Blot: Sample: Lane1: Rat Stomach Tissue; Lane2: Rat Kidney Tissue; Lane3: Rat Heart Tissue; Lane4: Rat Liver Tissue.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77020256
NCBI GeneID	24184
NCBI Accession #	NP_001029139.1
NCBI GenBank Nucleotide #	NM_001033967.2
UniProt Accession #	P29410; Q6P7C6
Molecular Weight	25,530 Da
NCBI Official Full Name	adenylate kinase 2, mitochondrial isoform b
NCBI Official Synonym Full Names	adenylate kinase 2
NCBI Official Symbol	Ak2
NCBI Protein Information	adenylate kinase 2, mitochondrial
UniProt Protein Name	Adenylate kinase 2, mitochondrial
UniProt Gene Name	Ak2
UniProt Synonym Gene Names	AK 2

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.

