

Rabbit anti-Human, Mouse ADK Polyclonal Antibody | anti-ADK antibody

Rabbit anti-ADK Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212593	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

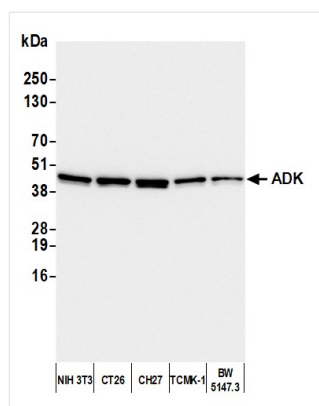
PRODUCT SYNONYMS

ADK; Polyclonal Antibody; Rabbit anti-ADK Antibody; Affinity Purified; testicular tissue protein Li 14; AK; adenosine 5'-phosphotransferase; adenosine kinase; Adenosine kinase; anti-ADK antibody

PRODUCT SPECIFICATIONS

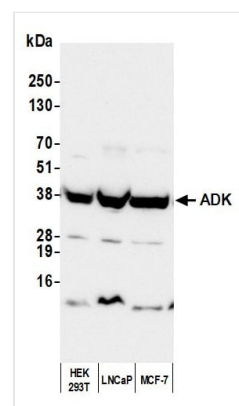
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ADK antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat
Immunogen	Between 312 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



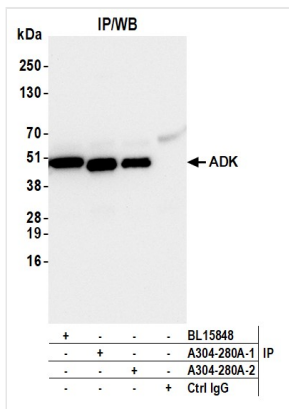
WB (Western Blot)

Detection of mouse ADK by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ADK antibody (AAA212593 lot 2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



WB (Western Blot)

Detection of human ADK by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, LNCaP, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ADK antibody (AAA212593 lot 2) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human ADK by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ADK antibody (AAA212593 lot 2) used for IP at 6 ug per reaction. ADK was also immunoprecipitated by a previous lot of this antibody (AAA212593 lot 1) and a second antibody against a different epitope of ADK (BL15848). For blotting immunoprecipitated ADK, AAA212593 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ADK antibody	Adenosine kinase (ADK) is an enzyme which catalyzes the transfer of the gamma-phosphate from ATP to adenosine, thereby serving as a regulator of concentrations of both extracellular adenosine and intracellular adenine nucleotides. Adenosine has widespread effects on the cardiovascular, nervous, respiratory, and immune systems and inhibitors of the enzyme could play an important pharmacological role in increasing intravascular adenosine concentrations and acting as anti-inflammatory agents [taken from NCBI Entrez Gene (Gene ID: 132)].
Product Categories/Family for anti-ADK antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	32484975
NCBI GeneID	132
NCBI Accession #	NP_006712.2
NCBI GenBank Nucleotide #	NM_006721.3
UniProt Accession #	P55263; O00741; O00742; Q16710; Q5JQ10; Q5JQ11; Q9BTN2; B7Z783; B7Z800
Molecular Weight	36,580 Da
NCBI Official Full Name	adenosine kinase isoform b
NCBI Official Synonym Full Names	adenosine kinase
NCBI Official Symbol	ADK
NCBI Official Synonym Symbols	AK
NCBI Protein Information	adenosine kinase; adenosine 5'-phosphotransferase
UniProt Protein Name	Adenosine kinase
UniProt Gene Name	ADK
UniProt Synonym Gene Names	AK
UniProt Entry Name	ADK_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/adk-antibody-immunoprecipitation-western-blot-elisa/212593>