

ADK Polyclonal Antibody

Catalog No.	A15023	Category	Polyclonal Antibodies
Applications	WB	Observed MW	41kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	34kDa/36kDa/38kDa/40kDa

Immunogen Information

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 200-345 of human ADK (NP_001114.2).

Gene ID 132

Swiss prot P55263

Synonyms ADK; AK; adenosine kinase

Product information

Source Rabbit

Isotype IgG

Purification method Affinity purification

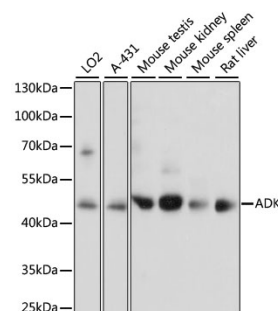
Storage Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

This gene encodes 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. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - ADK Polyclonal Antibody (A15023)