

ADK Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00273
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ADK. AA range:1-50
Mol wt	40545
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	ADK Antibody
Synonyms	ADK; Adenosine kinase; AK; Adenosine 5'-phosphotransferase

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ADK 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 Dilution

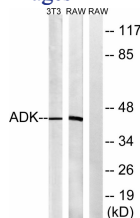
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from RAW264.7 and NIH/3T3 cells, using ADK Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year