

## Product datasheet for **TA349453**

### ADK Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse intestinum tenue tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ADK
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	adenosine kinase
Database Link:	<a href="#">NP_006712</a> <a href="#">Entrez Gene 11534 MouseEntrez Gene 25368 RatEntrez Gene 132 Human P55263</a>
Background:	This gene 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.
Synonyms:	AK

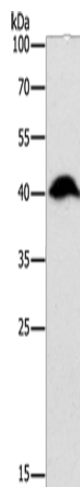


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Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Purine metabolism

### Product images:



Gel: 10%SDS-PAGE

Lysate: 40  $\mu$ g

Lane: Mouse intestinum tenue tissue

Primary antibody: TA349453 (ADK Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 minutes