

Product datasheet for **TA349453S**

ADK Rabbit Polyclonal Antibody

Product data:

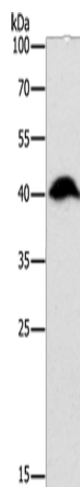
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse intestinum tenue tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ADK
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
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:	NP_006712 Entrez Gene 11534 Mouse Entrez Gene 25368 Rat Entrez Gene 132 Human P55263
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
Protein Families:	Druggable Genome



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Protein Pathways: Metabolic pathways, Purine metabolism

Product images:



Gel: 10%SDS-PAGE
Lysate: 40 μ 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