

## Product datasheet for **TA371245S**

### Adenylate kinase 5 (AK5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human cerebrum tissue lysate
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human AK5
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.
Stability:	1 year
Predicted Protein Size:	63 kDa
Gene Name:	adenylate kinase 5
Database Link:	<a href="#">Entrez Gene 26289 Human Q9Y6K8</a>

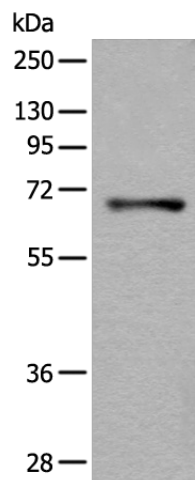
**Background:** This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species. It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

**Synonyms:** AK6; MGC33326



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## Product images:



Gel: 8%SDS-PAGE

Lysate: 40  $\mu$ g

Lane: Human cerebrum tissue lysate

Primary antibody: [TA371245] (AK5 Antibody) at dilution 1/250

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

Exposure time: 20 seconds