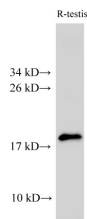


## AK6 Polyclonal Antibody

<b>Catalog No.</b>	E-AB-40266	<b>Reactivity</b>	R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Western Blot analysis of Rat testis using Ak6 Polyclonal Antibody at dilution of 1:2000

### Immunogen Information

<b>Immunogen</b>	Recombinant Rat Adenylate kinase isoenzyme 6 protein
<b>Swissprot</b>	Q5EB68
<b>Synonyms</b>	AD-004,Adenylate kinase isoenzyme 6,Adrenal gland protein AD-004,AK/ATPase,AK6,CGI-137,CIP

### Product Information

<b>Calculated MW</b>	20 kDa
<b>Observed MW</b>	19 kDa
<b>Buffer</b>	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
<b>Purify</b>	Antigen Affinity Purification
<b>Dilution</b>	WB 1:1000-1:4000

### Background

This gene encodes a protein that belongs to the adenylate kinase family of enzymes. The protein has a nuclear localization and contains Walker A (P-loop) and Walker B motifs and a metal-coordinating residue. The protein may be involved in regulation of Cajal body formation. In human, AK6 and TAF9 (GeneID: 6880) are two distinct genes that share 5' exons. Alternative splicing results in multiple transcript variants. AK6 (Adenylate Kinase 6) is a Protein Coding gene. Among its related pathways are Ribosome biogenesis in eukaryotes and Purine metabolism (REACTOME). GO annotations related to this gene include ATPase activity and adenylate kinase activity.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.