

For Research Use Only

# AK3 Recombinant monoclonal antibody

Catalog Number:87090-3-RR



## Basic Information

<b>Catalog Number:</b> 87090-3-RR	<b>GenBank Accession Number:</b> BC013771	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 50808	<b>CloneNo.:</b> 252261B9
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9UIJ7	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Immunogen Catalog Number:</b> AG3146	<b>Full Name:</b> adenylate kinase 3	
	<b>Calculated MW:</b> 227 aa, 26 kDa	
	<b>Observed MW:</b> 26-30 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse, rat

### Positive Controls:

WB : HepG2 cells, L02 cells, Y79 cells, mouse kidney tissue, mouse heart tissue, mouse liver tissue, rat kidney tissue

## Background Information

AK3(Adenylate kinase 3) is also named as AK3L1, AK6, AKL3L and belongs to the adenylate kinase family. It is located in the mitochondrial matrix and is a GTP:AMP phosphotransferase(PMID:2546792).

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

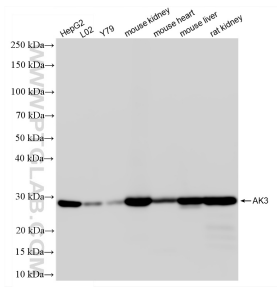
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87090-3-RR (AK3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.