

For Research Use Only

# AKTIP Recombinant monoclonal antibody

Catalog Number: 86988-1-RR



## Basic Information

<b>Catalog Number:</b> 86988-1-RR	<b>GenBank Accession Number:</b> NM_022476.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 64400	<b>CloneNo.:</b> 251957F4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H8T0-1	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> AKT interacting protein	
<b>Immunogen Catalog Number:</b> EG5816	<b>Calculated MW:</b> 33 kDa	
	<b>Observed MW:</b> 33 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

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

**Positive Controls:**

WB : MDA-MB-231 cells, MCF-7 cells, HepG2 cells, U-251 cells, NIH/3T3 cells, mouse heart tissue, rat heart tissue

## Background Information

AKTIP is a telomeric protein with the property of being enriched at the nuclear lamina. AKTIP has similarity with the tumor susceptibility gene TSG101. AKTIP deficiency generates genome instability and, in p53-/- mice, the reduction of the mouse counterpart of AKTIP induces the exacerbation of lymphomas.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

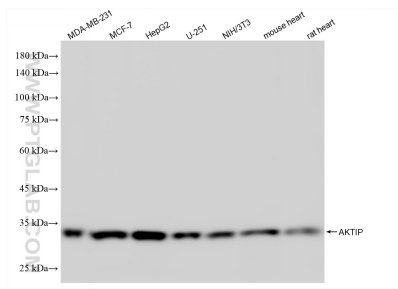
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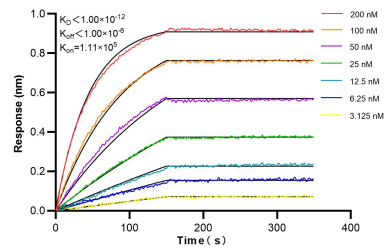
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86988-1-RR (AKTIP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 86988-1-RR against Human AKTIP were performed. The affinity constant is below 1 pM.