For Research Use Only

AKTIP Recombinant monoclonal antibody

Catalog Number:86988-1-RR

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Basic Information

Catalog Number:
86988-1-RR

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG5816

GenBank Accession Number:
NM_022476.4

GeneID (NCBI):
64400

UNIPROT ID:
Q9H8T0-1

Full Name:
AKT interacting protein

Calculated MW:
33 kDa

Observed MW:
33 kDa

Purification Method:
Protein A purification

CloneNo.:
251957F4

Recommended Dilutions:
WB: 1:5000-1:50000

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

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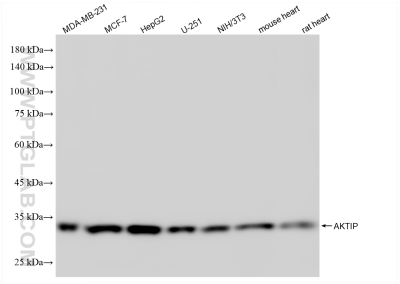
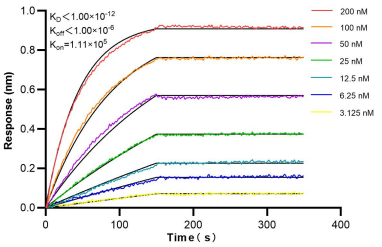
Selected Validation Data



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.