

RecomAb™

AKT1S1 recombinant monoclonal antibody, clone R06-7C1

Catalog # RAB06448 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human and mouse AKT1S1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against protein corresponding to full length human AKT1S1.
Theoretical MW (kDa)	Calculated MW: 27 kD
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50-1:100) Immunohistochemistry (1:50-1:100) Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunohistochemistry
- Immunoprecipitation
- Flow Cytometry

Gene Info — AKT1S1

Entrez GeneID [84335](#)

Protein Accession# [Q96B36](#)

Gene Name AKT1S1

Gene Alias Lobe, MGC2865, PRAS40

Gene Description AKT1 substrate 1 (proline-rich)

Omim ID [610221](#)

Gene Ontology [Hyperlink](#)

Gene Summary AKT1S1 is a proline-rich substrate of AKT (MIM 164730) that binds 14-3-3 protein (see YWHAH, MIM 113508) when phosphorylated (Kovacina et al., 2003 [PubMed 12524439]).[supplied by OMIM]

Other Designations OTTHUMP00000196757|OTTHUMP00000196758|OTTHUMP00000196759|OTTHUMP00000196760|proline-rich Akt substrate, 40 kDa