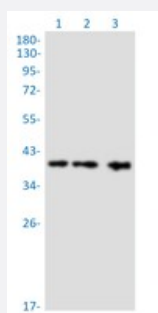


RecomAb™

AKT1S1 recombinant monoclonal antibody, clone R05-3A5

Catalog # RAB04463 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate and Lane 3: C6 whole cell lysate with AKT1S1 recombinant monoclonal antibody, clone R05-3A5 (Cat # RAB04463).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human AKT1S1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human AKT1S1.
Theoretical MW (kDa)	Calculated MW: 27 kD
Reactivity	Human, Rat
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, 150mM NaCl, pH 7.4 (40% glycerol, 0.05% BSA and 0.01% 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

Western blot analysis of Lane 1: HeLa whole cell lysate, Lane 2: A549 whole cell lysate and Lane 3: C6 whole cell lysate with AKT1S1 recombinant monoclonal antibody, clone R05-3A5 (Cat # RAB04463).

- Immunoprecipitation

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