

AKT1S1 rabbit monoclonal antibody

Catalog # H00084335-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AKT1S1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AKT1S1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AKT1S1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — AKT1S1

Entrez GeneID	84335
GeneBank Accession#	AKT1S1
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 OMI M
Other Designations	OTTHUMP00000196757 OTTHUMP00000196758 OTTHUMP00000196759 OTTHUMP00000196760 proline-rich Akt substrate, 40 kDa