

AKAP7 rabbit monoclonal antibody

Catalog # H00009465-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AKAP7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AKAP7 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 AKAP7 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 — AKAP7

Entrez GeneID	9465
GeneBank Accession#	AKAP7
Gene Name	AKAP7
Gene Alias	AKAP18
Gene Description	A kinase (PRKA) anchor protein 7
Omim ID	604693
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the A-kinase anchoring protein (AKAP) family, a group of functionally related proteins that bind to a regulatory subunit (RII) of cAMP-dependent protein kinase A (PKA) and target the enzyme to specific subcellular compartments. AKAPs have a common RII-binding domain, but contain different targeting motifs responsible for directing PKA to distinct intracellular locations. Three alternatively spliced transcript variants encoding different isoforms have been described. Additional variants exist, but their full-length natures have not been determined. [provided by RefSeq]
Other Designations	A-kinase anchor protein 7 A-kinase anchor protein 7 isoform alpha A-kinase anchor protein 7, isoform alpha A-kinase anchor protein 9 kDa A-kinase anchor protein, 18-kD A-kinase anchoring protein 18 OTTHUMP00000017200 OTTHUMP00000017201 OTTHUMP00000017202

Disease

- [Tobacco Use Disorder](#)