

AKAP14 rabbit monoclonal antibody

Catalog # H00158798-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AKAP14 peptide using ARM Technology.
Immunogen	A synthetic peptide of human AKAP14 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 AKAP14 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 — AKAP14

Entrez GeneID [158798](#)

GeneBank Accession# [AKAP14](#)

Gene Name AKAP14

Gene Alias AKAP28

Gene Description A kinase (PRKA) anchor protein 14

Omim ID [300462](#)

Gene Ontology [Hyperlink](#)

Gene Summary The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations A-kinase anchoring protein 28|OTTHUMP00000023927|OTTHUMP00000023928|OTTHUMP00000023929|protein kinase A anchoring protein 14