

ARG41794 anti-AKAP14 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes AKAP14
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	AKAP14
Species	Human
Immunogen	Synthetic peptide of Human AKAP14.
Conjugation	Un-conjugated
Alternate Names	AKAP-14; Protein kinase A-anchoring protein 14; A-kinase anchor protein 28 kDa; A-kinase anchor protein 14; AKAP28; PRKA14; AKAP 28

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IP	1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Jurkat	
Observed Size	~ 21 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

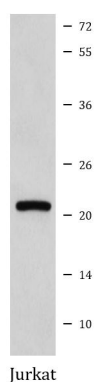
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	AKAP14
Gene Full Name	A kinase (PRKA) anchor protein 14
Background	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, Jul 2008]
Function	Binds to type II regulatory subunits of protein kinase A and anchors/targets them. [UniProt]
Calculated Mw	23 kDa
Cellular Localization	Cytoplasm. [UniProt]

Images



ARG41794 anti-AKAP14 antibody WB image

Western blot: Jurkat cell lysate stained with ARG41794 anti-AKAP14 antibody.