

AKAP14 Rabbit mAb

Catalog No: #48992

Package Size: #48992-1 50ul #48992-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

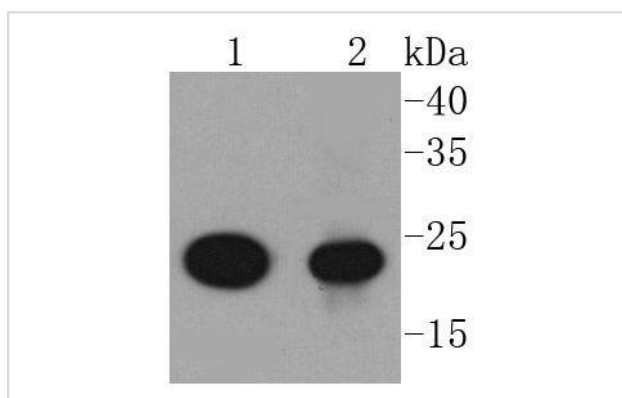
Description

Product Name	AKAP14 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SC0667
Purification	ProA affinity purified
Applications	WB, ICC/IF, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	A kinase (PRKA) anchor protein 14 antibody A kinase anchor protein 14 antibody A kinase anchor protein 28 kDa antibody A-kinase anchoring protein 28 antibody AKAP14 antibody AKAP28 antibody PRKA14 antibody Protein kinase A anchoring protein 14 antibody
Accession No.	Swiss-Prot#:Q86UN6
Uniprot	Q86UN6
GeneID	158798;
Calculated MW	23 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

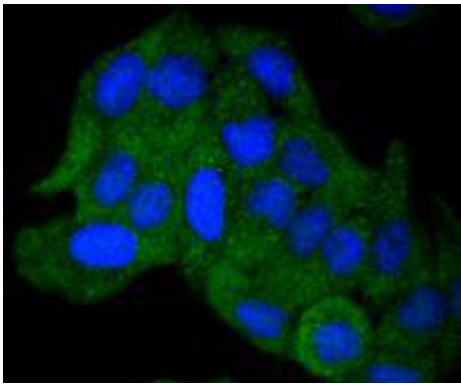
Application Details

WB: 1:1,000-5,000 ICC: 1:50-1:200

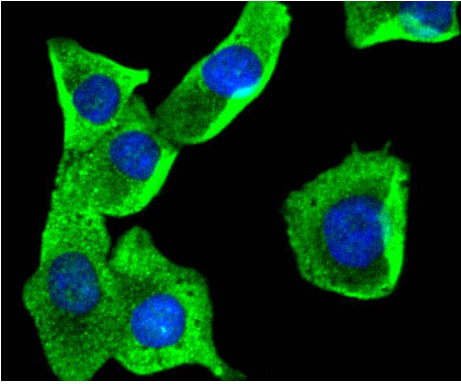
Images



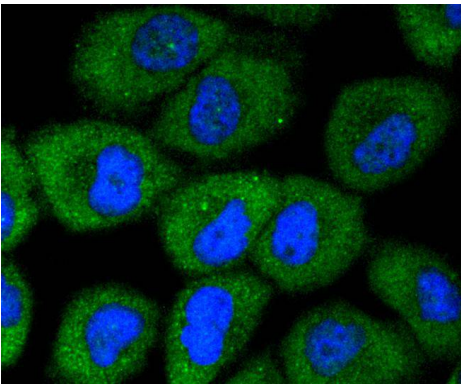
Western blot analysis of AKAP14 on different lysates using anti-AKAP14 antibody at 1/1,000 dilution. Positive control:
Lane 1: Jurkat Lane 2: A549



ICC staining AKAP14 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining AKAP14 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining AKAP14 in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

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. Binds to type II regulatory subunits of protein kinase A and anchors/targets them.

References

Note: This product is for in vitro research use only