



# AKAP 14 rabbit pAb

Cat No.:ES4949

For research use only

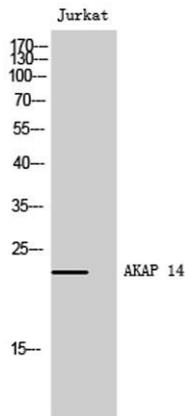
## Overview

<b>Product Name</b>	AKAP 14 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AKAP14. AA range:1-50
<b>Specificity</b>	AKAP 14 Polyclonal Antibody detects endogenous levels of AKAP 14 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	A-kinase anchor protein 14
<b>Gene Name</b>	AKAP14
<b>Cellular localization</b>	Cytoplasm .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	23kD
<b>Human Gene ID</b>	158798
<b>Human Swiss-Prot Number</b>	Q86UN6
<b>Alternative Names</b>	AKAP14; AKAP28; A-kinase anchor protein 14; AKAP-14; A-kinase anchor protein 28 kDa; AKAP 28; Protein kinase A-anchoring protein 14; PRKA14
<b>Background</b>	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory



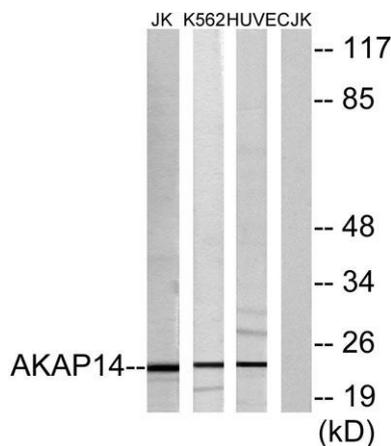
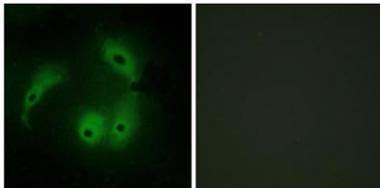


subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The protein anchors PKA in ciliary axonemes and, in this way, may play a role in regulating ciliary beat frequency. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008],



Western Blot analysis of Jurkat cells using AKAP 14 Polyclonal Antibody

Immunofluorescence analysis of HeLa cells, using AKAP14 Antibody. The picture on the right is blocked with the synthesized peptide.

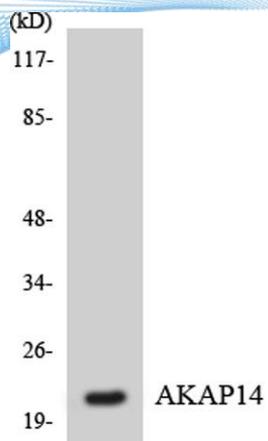


Western blot analysis of lysates from Jurkat, K562, and HUVEC cells, using AKAP14 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from RAW264.7 cells using AKAP14 antibody.



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