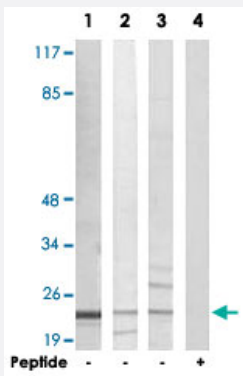


# AKAP14 polyclonal antibody

Catalog # PAB17405      Size 100 ug

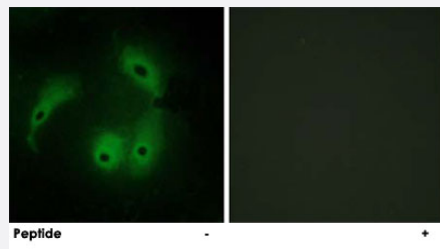
## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from Jurkat cells (Lane 1 and lane 4), K-562 cells (Lane 2) and HUVEC cells (Lane 3), using AKAP14 polyclonal antibody (Cat # PAB17405).

Peptide "+" means "with peptide blocking".



### Immunofluorescence

Immunofluorescence analysis of HeLa cells, using AKAP14 polyclonal antibody (Cat # PAB17405).

Peptide "+" means "with peptide blocking".

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of AKAP14.
<b>Immunogen</b>	A synthetic peptide corresponding to internal of human AKAP14.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Specificity</b>	This antibody detects endogenous levels of total AKAP14 protein.
<b>Form</b>	Liquid

<b>Recommend Usage</b>	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (150mM NaCl, 0.02% sodium azide, 50% glycerol)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

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- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using AKAP14 polyclonal antibody (Cat # PAB17405).  
Peptide "+" means "with peptide blocking".

## Gene Info — AKAP14

<b>Entrez GeneID</b>	<a href="#">158798</a>
<b>Protein Accession#</b>	<a href="#">Q86UN6</a>
<b>Gene Name</b>	AKAP14
<b>Gene Alias</b>	AKAP28
<b>Gene Description</b>	A kinase (PRKA) anchor protein 14
<b>Omim ID</b>	<a href="#">300462</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</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]

**Other Designations**

A-kinase anchoring protein 28|OTTHUMP00000023927|OTTHUMP00000023928|OTTHUMP0000023929|protein kinase A anchoring protein 14

**Publication Reference**

- [The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection \(MGC\).](#)

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Genome Research 2004 Oct; 14(10B):2121.