

Datasheet for ABIN7303922

**anti-AKAP1 antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	AKAP1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AKAP1.
Specificity:	Recognizes endogenous levels of AKAP1 protein.
Characteristics:	Rabbit polyclonal antibody to AKAP1
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	AKAP1
Alternative Name:	AKAP1 ( <a href="#">AKAP1 Products</a> )
Background:	AKAP149, PRKA1, A-kinase anchor protein 1, mitochondrial, A-kinase anchor protein 149 kDa, AKAP 149, Dual specificity A-kinase-anchoring protein 1, D-AKAP-1, Protein kinase A-anchoring

## Target Details

	protein 1, PRKA1, Spermatid A-kinase anchor protein 84, S-AKAP84
Gene ID:	8165, 11640, 114124
UniProt:	<a href="#">Q92667</a> , <a href="#">O08715</a> , <a href="#">O88884</a>
Pathways:	<a href="#">Synaptic Membrane</a>

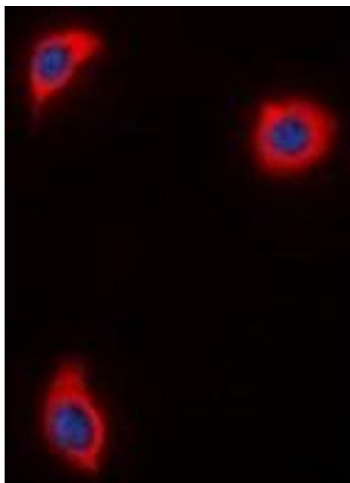
## Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

## Handling

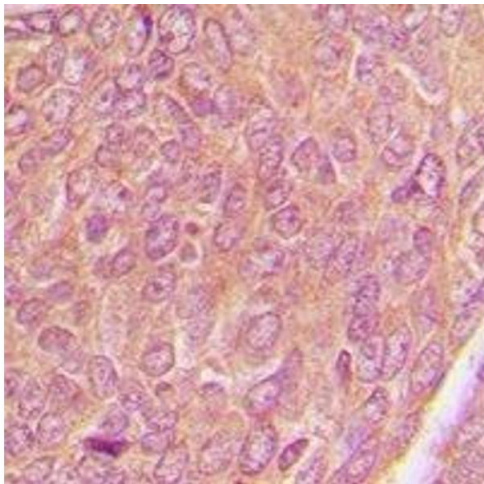
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



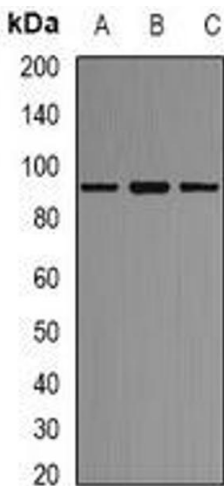
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of AKAP1 staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody.



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of AKAP1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated wi



Western Blotting

**Image 3.** Western blot analysis of AKAP1 expression in HuvEc (A), mouse kidney (B), rat testis (C) whole cell lysates.