Datasheet for ABIN6259854

anti-AKAP3 antibody (Internal Region)

2 Images

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Overview

Quantity:	100 µL
Target:	AKAP3
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP3 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human AKAP3, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	AKAP3 Antibody detects endogenous levels of total AKAP3.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	AKAP3
Alternative Name:	AKAP3 (AKAP3 Products)

Target Details

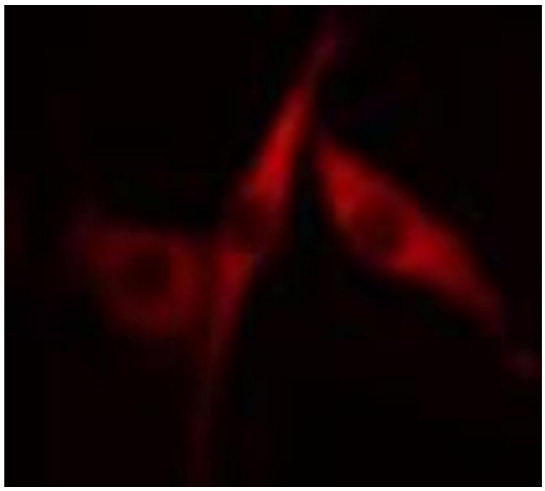
Background:	Description: May function as a regulator of both motility- and head-associated functions such as capacitation and the acrosome reaction. Gene: AKAP3
Molecular Weight:	94kDa
Gene ID:	10566
UniProt:	O75969

Application Details

Application Notes:	IF/ICC 1:100-1:500, WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

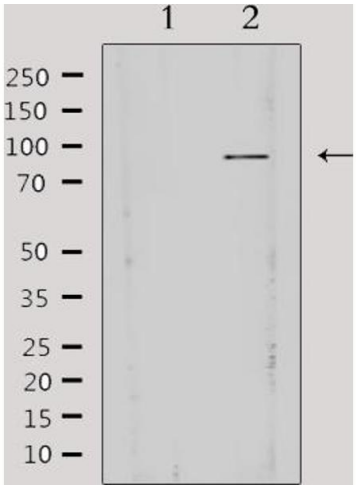
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunofluorescence (fixed cells)

Image 1. ABIN6266844 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.



Western Blotting

Image 2. Western blot analysis of extracts from HepG2, using AKAP3 Antibody. Lane 1 was treated with the antigen-specific peptide.