# antibodies -online.com





# anti-AKAP8 antibody



Image



#### Overview

Quantity:	200 μL
Target:	AKAP8
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP8 antibody is un-conjugated
Application:	Immunofluorescence (IF)

#### **Product Details**

Immunogen:	Recombinant fusion protein of human AKAP8 (NP_005849.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### **Target Details**

l arget:	AKAP8
Alternative Name:	AKAP8 (AKAP8 Products)
Background:	This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins
	are scaffold proteins that contain a binding domain for the RI/RII subunit of protein kinase A
	(PKA) and recruit PKA and other signaling molecules to specific subcellular locations. This gene
	encodes a nuclear A-kinase anchor protein that binds to the RII alpha subunit of PKA and may

## **Target Details**

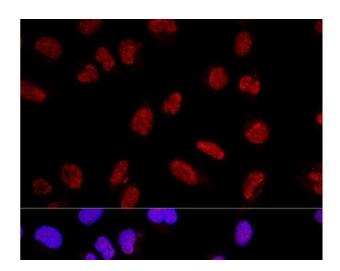
	play a role in chromosome condensation during mitosis by targeting PKA and the condensin complex to chromatin. A pseudogene of this gene is located on the short arm of chromosome 9.
Gene ID:	10270
UniProt:	043823
Pathways:	SARS-CoV-2 Protein Interactome

# **Application Details**

Application Notes:	IF 1:50-1:200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Confocal immunofluorescence analysis of U2OS cells using AKAP8 Polyclonal Antibody at dilution of 1:200. Blue: DAPI for nuclear staining.