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Datasheet for ABIN7448929  
**anti-AKAP8L antibody (AA 596-646)**

### Overview

Quantity:	20 µg
Target:	AKAP8L
Binding Specificity:	AA 596-646
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP8L antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Purpose:	Rabbit anti-AKAP8L/HA95 IHC Antibody, Affinity Purified
Immunogen:	Between AA 596 and 646
Isotype:	IgG
Predicted Reactivity:	Gorilla, Chimpanzee, Chinese hamster, Northern white-cheeked gibbon, Naked mole rat
Purification:	Affinity Purified

### Target Details

Target:	AKAP8L
Alternative Name:	AKAP8L/HA95 ( <a href="#">AKAP8L Products</a> )
Background:	Background: AKAP8L/HA95 is a PKA anchoring protein that is localized to the nuclear envelope

## Target Details

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and associates with chromatin upon nuclear envelope breakdown during mitosis.

AKAP8L/HA95 has been found to play an important role in the initiation of DNA replication and may function as a scaffold for proteins such as MCM2 and LAP2beta. Additionally, AKAP8L/HA95 has been shown to co-locate with the PKA C subunit in splicing factor compartments and is involved in the regulation of pre-mRNA splicing. Further support for a scaffolding and splicing role in the nucleus comes from the observation that AKAP8L/HA95 colocalizes with HypA, a splicing-like factor, and through this association may function as a docking site for the nuclear accumulation of Huntington protein as seen in Huntington's disease.

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Gene ID: 26993

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NCBI Accession: [NP\\_055186](#)

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UniProt: [Q9ULX6](#)

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Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: IHC-IF: 1:50 - 1:500

IHC: 1:100 - 1:500

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Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

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Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % Sodium Azide

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: 4 °C

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Expiry Date: 12 months