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Datasheet for ABIN7454742
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:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-AKAP8L/HA95 Antibody, Affinity Purified
Immunogen:	between AA 596 and 646
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	AKAP8L
Alternative Name:	AKAP8L/HA95 (AKAP8L Products)
Background:	Background: AKAP8L/HA95 is a PKA anchoring protein that is localized to the nuclear envelope

Target Details

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.

Gene ID: 26993

NCBI Accession: [NP_055186](#)

UniProt: [Q9ULX6](#)

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

Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

IP: 2 - 5 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Tris-buffered Saline containing 0.1 % BSA and 0.09 % 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: 4 °C

Expiry Date: 12 months