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Datasheet for ABIN7453654 **anti-AKAP1 antibody (AA 375-425)**

Overview

Quantity:	20 µg
Target:	AKAP1
Binding Specificity:	AA 375-425
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-AKAP1 Antibody, Affinity Purified
Immunogen:	between AA 375 and 425
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	AKAP1
Alternative Name:	AKAP1 (AKAP1 Products)
Background:	Background: AKAP1 (A-kinase anchor protein 1) was isolated as a protein that interacts with the

Target Details

regulatory subunit of protein kinase A (PKA) as well as the catalytic subunit of protein phosphatase 1 (PPI). AKAP1 plays a role in directing the subcellular localization of PKA to the cytoplasmic face of the outer mitochondrial membrane.

Gene ID: 8165

NCBI Accession: [NP_003479](#)

UniProt: [Q92667](#)

Pathways: [Synaptic Membrane](#)

Application Details

Application Notes: IHC: 1:100 - 1:500. 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