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Datasheet for ABIN7451618

anti-AKAP9 antibody (AA 1075-1125)

Overview

Quantity:	100 µg
Target:	AKAP9
Binding Specificity:	AA 1075-1125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-AKAP9/CG-NAP Antibody, Affinity Purified
Immunogen:	between AA 1075 and 1125
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	AKAP9
Alternative Name:	AKAP9/CG-NAP (AKAP9 Products)
Background:	Background: AKAP9/CG-NAP is a member of the A-kinase anchoring protein family that functions as a molecular scaffold for the subcellular compartmentalization of A- kinase

Target Details

signaling molecules. AKAP9/CG-NAP has been found to be critical to repolarization in the human heart. Defects in AKAP9/CG-NAP result in long QT syndrome type 11, a heart disorder characterized by ventricular arrhythmia and prolonged QT intervals. AKAP9/CG-NAP has been shown to form a multiprotein complex with the I(Ks) potassium channel subunit and play an essential role in its phosphorylation by PKA. AKAP9/CG-NAP is also important to centrosome and microtubule cytoskeletal organization.

Gene ID: 10142

NCBI Accession: [NP_671700](#)

UniProt: [Q99996](#)

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

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 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