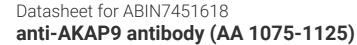
antibodies -online.com







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

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: $2 - 5 \mu g/mg$ 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