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Datasheet for ABIN570727  
**anti-AKAP9 antibody (N-Term)**

### Overview

Quantity:	100 µg
Target:	AKAP9
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This AKAP9 antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	AKAP9 / YOTIAO
Immunogen:	Peptide with sequence QRKAQSDGQSPSKK-C, from the N Terminus of the protein sequence according to NP_005742.4, NP_671714.1.
Sequence:	QRKAQSDGQS PSKK
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoforms 2 and 3 (NP_005742.4, NP_671714.1)
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

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Target:	AKAP9
Alternative Name:	AKAP9 ( <a href="#">AKAP9 Products</a> )
Background:	AKAP9, A kinase (PRKA) anchor protein (yotiao) 9, AKAP350, AKAP450, CG-NAP, HYPERION, KIAA0803, MU-RMS-40.16A, PRKA9, YOTIAO, A-kinase anchor protein 9, A-kinase anchor protein, 350 kDa, A-kinase anchoring protein 450, AKAP120-like protein, AKAP9-BRAF fusi
Gene ID:	10142
NCBI Accession:	<a href="#">NP_005742</a> , <a href="#">NP_671714</a>
Pathways:	<a href="#">M Phase</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

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Application Notes:	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as large as the calculated size of 453 kDa according to NP_005742.4. Therefore we cannot recommend an optimal concentration and the antibody i Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.