

Goat AKAP9/AKAP450/CG-NAP Polyclonal Antibody | anti-AKAP9 antibody

Goat anti-AKAP9/AKAP450/CG-NAP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13648	Goat	Tested: Human; Expected from sequence similarity: Human, Mouse	ELISA, Western Blot, Immunofluorescence

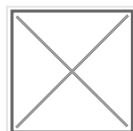
PRODUCT SYNONYMS

AKAP9/AKAP450/CG-NAP; Polyclonal Antibody; Goat anti-AKAP9/AKAP450/CG-NAP Antibody; AKAP9; CG-NAP; PRKA9; YOTIAO; AKAP350; HYPERION; KIAA0803; A kinase (PRKA) anchor protein (yotiao) 9; AKAP120-like protein; kinase N-associated protein; A-kinase anchoring protein 450; A-kinase anchor protein; 350kDa; protein kinase A anchoring protein 9; centrosome- and golgi-localized protein; AKAP450; MU-RMS-40.16A; A-kinase anchor protein 9; AKAP9-BRAF fusion protein; anti-AKAP9 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human; Expected from sequence similarity: Human, Mouse
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Applicable Applications for anti-AKAP9 antibody	ELISA (Peptide ELISA), WB (Western Blot), IF (Immunofluorescence)
Application Notes	Peptide ELISA: antibody detection limit dilution 1:64000. Western blot: This product has been successfully used by a customer, showing a band at approx 450kDa in lysates of cell line HepG2 (calculated MW of 453kDa according to NP_005742.4). Recommended concentration: 1-3ug/ml. Immunofluorescence: Strong expression of the protein seen in the cytoplasm of A431 and U2OS cells. Recommended concentration: 10ug/ml.
Immunogen	Peptide with sequence C-SGSTTQFHAGMR, from the C Terminus of the protein sequence according to NP_005742.4; NP_671714.1.
Note	This antibody is expected to recognise isoforms 2 and 3 (NP_005742.4; NP_671714.1 respectively). The isoforms Yotiao, AKAP350B and AKAP350C are not recognized.
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



IF (Immunofluorescence)

AAA13648 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue).
Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).

NCBI AND UNIPROT INFORMATION

NCBI GI #	22538387
NCBI GeneID	10142
NCBI Accession #	NP_005742.4; NP_671714.1
NCBI GenBank Nucleotide #	NM_005751.4
NCBI Official Full Name	A-kinase anchor protein 9 isoform 2
NCBI Official Synonym Full Names	A-kinase anchoring protein 9
NCBI Official Symbol	AKAP9
NCBI Official Synonym Symbols	LQT11; PRKA9; AKAP-9; CG-NAP; YOTIAO; AKAP350; AKAP450; PPP1R45; HYPERION; MU-RMS-40.16A
NCBI Protein Information	A-kinase anchor protein 9
UniProt Protein Name	A-kinase anchor protein 9
UniProt Gene Name	AKAP9
UniProt Synonym Gene Names	AKAP350; AKAP450; KIAA0803; PRKA9
UniProt Entry Name	AKAP9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/akap9-akap450-cg-nap-antibody-peptide-elisa-western-blot-immunofluorescence-elisa/13648>