

Rabbit anti-Human AKAP9 Polyclonal Antibody | anti-AKAP9 antibody

AKAP9 Antibody

CATALOG # AAA233024	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, ELISA
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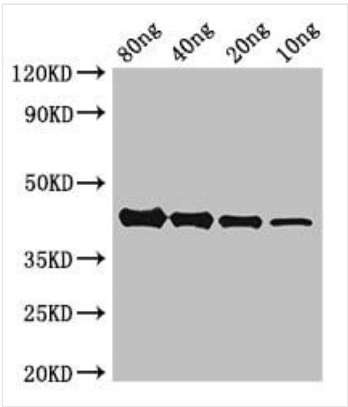
PRODUCT SYNONYMS

AKAP9; Polyclonal Antibody; AKAP9 Antibody; A-kinase anchor protein 9; AKAP-9; A-kinase anchor protein 350 kDa; AKAP 350; hgAKAP 350; A-kinase anchor protein 450 kDa; AKAP 450; AKAP 120-like protein; Centrosome- and Golgi-localized PKN-associated protein; AKAP350; AKAP450; KIAA0803; anti-AKAP9 antibody

PRODUCT SPECIFICATIONS

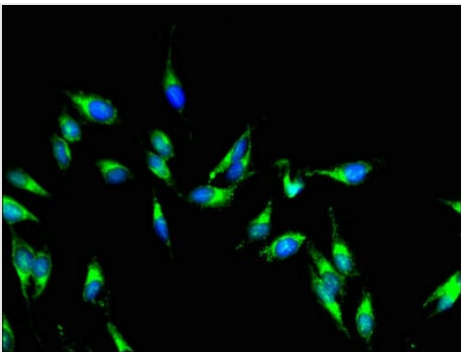
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	3907
Applicable Applications for anti-AKAP9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human A-kinase anchor protein 9 protein (71-191AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-34382 / sc-34384
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



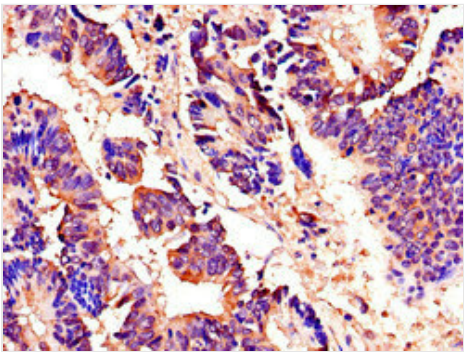
WB (Western Blot)

Western BlotPositive WB detected in Recombinant proteinAll lanes: AKAP9 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionpredicted band size: 43 KDaobserved band size: 43 KDa



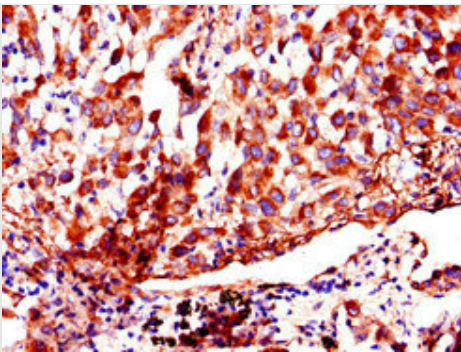
IHC (Immunohistochemisry)

Immunofluorescent analysis of Hela cells using AAA233024 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human colon cancer using AAA233024 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA233024 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-AKAP9 antibody	Scaffolding protein that assembles several protein kinases and phosphatases on the centrosome and Golgi apparatus. Required to maintain the integrity of the Golgi apparatus (PubMed: 10202149, PubMed: 15047863). Recruited to the Golgi apparatus by GM130/GOLGA2 and is required for microtubule nucleation at the cis-side of the Golgi apparatusGM130/GOLGA2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	22538387
NCBI GeneID	10142
NCBI Accession #	NP_005742.4
NCBI GenBank Nucleotide #	NM_005751.4
UniProt Accession #	Q99996; O14869; O43355; O94895; Q75N20; Q9UQH3; Q9UQQ4; Q9Y6B8; Q9Y6Y2; A4D1F0; A4D1F2; A4D1F4
Molecular Weight	455,423 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/akap9-antibody-immunofluorescence-immunohistochemistry-elisa/233024>