

Rabbit GKAP1 Polyclonal Antibody | anti-GKAP1 antibody

GKAP1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284904	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Immunohistochemistry, ELISA, Western Blot

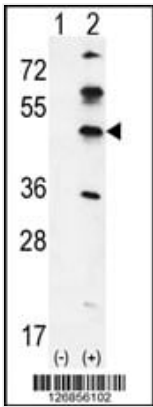
PRODUCT SYNONYMS

GKAP1; Polyclonal Antibody; GKAP1 Antibody (C-term); G kinase-anchoring protein 1; cGMP-dependent protein kinase-anchoring protein of 42 kDa; GKAP42; anti-GKAP1 antibody

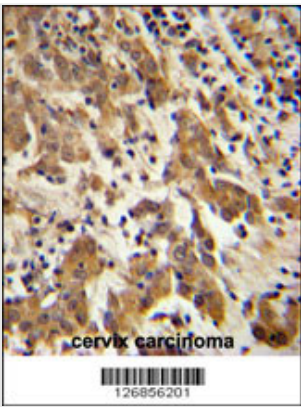
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GKAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 331-359 amino acids from the C-terminal region of human GKAP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	331-359
Sequence Length	315
Applicable Applications for anti-GKAP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

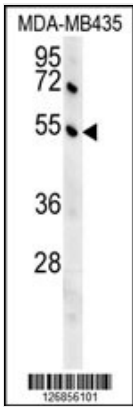
IMAGES



WB (Western Blot)
Western blot analysis of GKAP1 (arrow) using rabbit polyclonal GKAP1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the GKAP1 gene.



IHC (Immunohistochemistry)
GKAP1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GKAP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GKAP1 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the GKAP1 antibody detected the GKAP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GKAP1 antibody	GKAP1 is a protein that is highly similar to the mouse cGMP-dependent protein kinase anchoring protein 42kDa. The mouse protein has been found to localize with the Golgi and recruit cGMP-dependent protein kinase I alpha to the Golgi in mouse testes. It is thought to play a role in germ cell development. Transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-GKAP1 antibody	Signal Transduction
References	Lim, J., et al. Cell 125(4):801-814(2006) Sweetser, D.A., et al. Genes Chromosomes Cancer 44(3):279-291(2005) Yuasa, K., et al. J. Biol. Chem. 275(7):4897-4905(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	209915617
NCBI GeneID	80318
NCBI Accession #	NP_001129425.1; NP_079487.2

NCBI GenBank Nucleotide #	NM_001135953.1
UniProt Accession #	Q5VSY0 ; Q96LI0 ; Q9BYI1 ; Q9BYI2 ; Q9H225
Molecular Weight	42078
NCBI Official Full Name	G kinase-anchoring protein 1 isoform b
NCBI Official Synonym Full Names	G kinase anchoring protein 1
NCBI Official Symbol	GKAP1
NCBI Official Synonym Symbols	FKSG21; GKAP42
NCBI Protein Information	G kinase-anchoring protein 1
UniProt Protein Name	G kinase-anchoring protein 1
UniProt Gene Name	GKAP1
UniProt Synonym Gene Names	GKAP42
UniProt Entry Name	GKAP1_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://www.aaabiotech.com/polyclonal/gkap1-antibody-immunohistochemistry-western-blot-elisa/284904>