

Rabbit GKAP Polyclonal Antibody | anti-GKAP antibody

Phospho-GKAP (Ser346) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321330	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

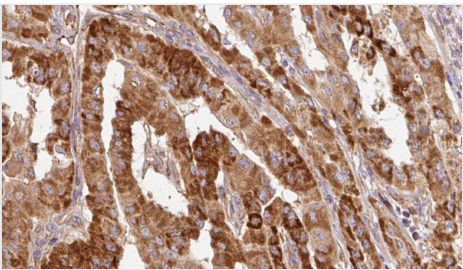
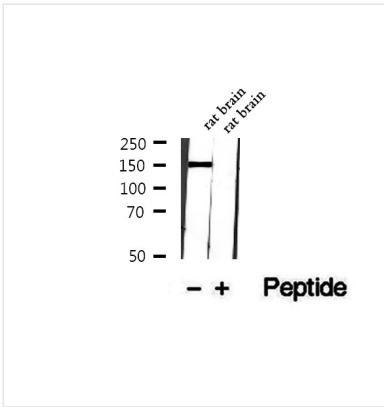
PRODUCT SYNONYMS

GKAP; Polyclonal Antibody; Phospho-GKAP (Ser346) Antibody; cGMP dependent protein kinase anchoring protein 42kDa; cGMP dependent protein kinase anchoring protein of 42 kDa; cGMP-dependent protein kinase-anchoring protein of 42 kDa; FKSG21; G kinase anchoring protein 1; G kinase-anchoring protein 1; gkap1; GKAP1_HUMAN; GKAP42; Protein kinase anchoring protein GKAP42; anti-GKAP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-GKAP (Ser346) antibody detects endogenous levels of GKAP.
Purity/Purification	From purified rabbit serum by affinity purification via sequential chromatography on phospho-and non-phospho-peptide affinity columns.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	315
Applicable Applications for anti-GKAP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human GKAP around the phosphorylation site of Ser346.
Subcellular Location	Golgi Apparatus.
Conjugation	Unconjugated
Epitope	Phospho Ser346
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA321330 at 1/100 staining Human thyroid cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of extracts of rat brain tissue, using Phospho-GKAP (Ser346) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GKAP antibody	Subunit Structure: Interacts with PRKG1. Similarity: Belongs to the GKAP1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209915617
NCBI GeneID	80318
NCBI Accession #	NP_001129425.1
NCBI GenBank Nucleotide #	NM_001135953.1
UniProt Accession #	Q5VSY0; Q96LI0; Q9BYI1; Q9BYI2; Q9H225
Molecular Weight	Observed: 90-150 kDa Predicted: 43 kDa
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

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.