

GRK1 Antibody | anti-GRK1 antibody

GRK1 (Phospho-Ser21) Antibody

CATALOG # AAA111932	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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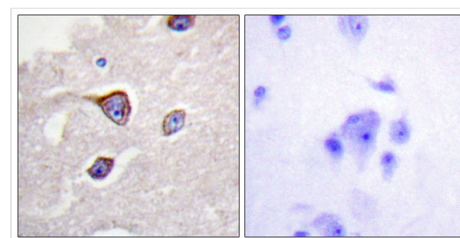
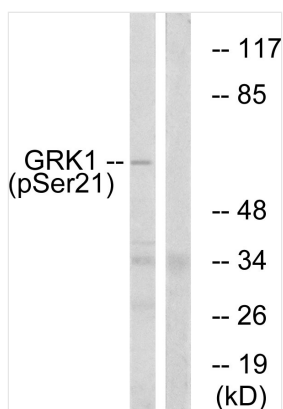
PRODUCT SYNONYMS

GRK1; GRK1 (Phospho-Ser21) Antibody; EC 2.7.11.14; RHOK; RK; Rhodopsin kinase; kinase GRK1; anti-GRK1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	GRK1 (Phospho-Ser21) antibody detects endogenous levels of GRK1 only when phosphorylated at serine 21.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	563
Applicable Applications for anti-GRK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human GRK1 around the phosphorylation site of serine 21 (R-G-SP-F-D).
All Sites	Human: Ser21 Mouse: Ser21 Rat: Ser21
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using GRK1 (Phospho-Ser21) antibody. Western blot analysis of extracts from COS7 cells, treated with TNF (20ng/ml, 5mins), using GRK1 (Phospho-Ser21) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GRK1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Zhao X., Vis. Neurosci. 14:225-232(1997). Khani S.C., Genomics 35:571-576(1996). Ota T., Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506529
NCBI GeneID	6011
NCBI Accession #	NP_002920.1
NCBI GenBank Nucleotide #	NM_002929.2
UniProt Accession #	Q15835; Q53X14
Molecular Weight	63,526 Da
NCBI Official Full Name	rhodopsin kinase
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 1
NCBI Official Symbol	GRK1
NCBI Official Synonym Symbols	RK; RHOK; GPRK1
NCBI Protein Information	rhodopsin kinase
UniProt Protein Name	Rhodopsin kinase
UniProt Gene Name	GRK1
UniProt Synonym Gene Names	RK

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/human-mouse-rat-antibody/grk1/111932>