

Rabbit GRK2 Polyclonal Antibody | anti-GRK2 antibody

GRK2 (Phospho-Ser29) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316179	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

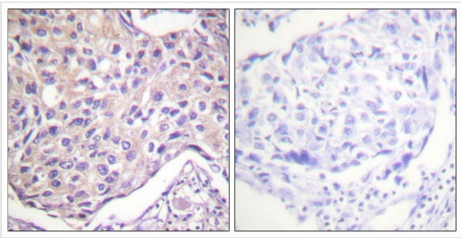
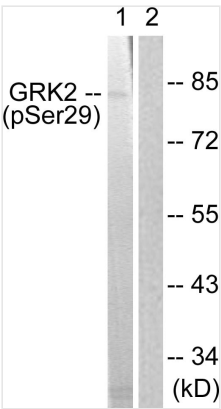
PRODUCT SYNONYMS

GRK2; Polyclonal Antibody; GRK2 (Phospho-Ser29) Antibody; ADRBK1; ARBK1; BARK; BARK1; beta-adrenergic receptor kinase 1; beta-ARK-1; G protein receptor kinase 2; G- protein coupled receptor kinase 2; kinase GRK2; anti-GRK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	GRK2 (Phospho-Ser29) Antibody detects endogenous levels of GRK2 only when phosphorylated at Ser29.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	689
Applicable Applications for anti-GRK2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S29; M:S29; R:S29
Immunogen	The antiserum was produced against synthesized peptide derived from human GRK2 around the phosphorylation site of Ser29.
Immunogen Range	14-63
Preparation and Storage	Stable at -20 degree C for at least 1 year.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using GRK2 (Phospho-Ser29) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from Jurkat cells treated with EGF 200ng/ml 30', using GRK2 (Phospho-Ser29) Antibody. The lane on the right is blocked with the phospho peptide.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539876
NCBI GeneID	156
NCBI Accession #	NP_001610.2
NCBI GenBank Nucleotide #	NM_001619.4
UniProt Accession #	P25098; Q13837; Q6GTT3; B0ZBE1
Molecular Weight	79 kDa
NCBI Official Full Name	beta-adrenergic receptor kinase 1
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 2
NCBI Official Symbol	GRK2
NCBI Official Synonym Symbols	BARK1; ADRBK1; BETA-ARK1
NCBI Protein Information	beta-adrenergic receptor kinase 1
UniProt Protein Name	Beta-adrenergic receptor kinase 1
UniProt Gene Name	GRK2
UniProt Synonym Gene Names	Beta-ARK-1

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.