

Rabbit GRK6 Polyclonal Antibody | anti-GRK6 antibody

GRK6 Antibody

CATALOG # AAA306483	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

GRK6; Polyclonal Antibody; GRK6 Antibody; EC 2.7.11.16; G-protein-coupled receptor kinase 6; GPRK6; kinase GRK6; anti-GRK6 antibody

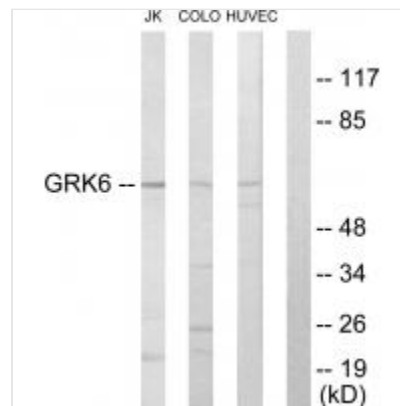
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GRK6 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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	1.0 mg/ml (varies by lot)
Sequence Length	560
Applicable Applications for anti-GRK6 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human GRK6.
Target Name	GRK6
Preparation and Storage	Store at -20 degree C

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using GRK6 antibody.


WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, COLO205 cells and HUVEC cells, using GRK6 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GRK6 antibody	Specifically phosphorylates the activated forms of G protein-coupled receptors. Such receptor phosphorylation initiates beta-arrestin-mediated receptor desensitization, internalization, and signaling events leading to their desensitization. Seems to be involved in the desensitization of D2-like dopamine receptors in striatum and chemokine receptor CXCR4 which is critical for CXCL12-induced cell chemotaxis By similarity. Phosphorylates rhodopsin (RHO) (in vitro) and a non G-protein-coupled receptor: LRP6 during Wnt signaling (in vitro).Benovic J.L., J. Biol. Chem. 268:19521-19527(1993).Haribabu B., Proc. Natl. Acad. Sci. U.S.A. 90:9398-9402(1993).Stoffel R.H., J. Biol. Chem. 269:27791-27794(1994).
Product Categories/Family for anti-GRK6 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	51896037
NCBI GeneID	2870
NCBI Accession #	NP_001004105.1
NCBI GenBank Nucleotide #	NM_001004105.2
UniProt Accession #	P43250; O60541; Q13652
Molecular Weight	64,294 Da
NCBI Official Full Name	G protein-coupled receptor kinase 6 isoform C
NCBI Official Synonym Full Names	G protein-coupled receptor kinase 6
NCBI Official Symbol	GRK6
NCBI Official Synonym Symbols	GPRK6
NCBI Protein Information	G protein-coupled receptor kinase 6
UniProt Protein Name	G protein-coupled receptor kinase 6
UniProt Gene Name	GRK6
UniProt Synonym Gene Names	GPRK6
UniProt Entry Name	GRK6_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/grk6-antibody-immunofluorescence-western-blot-elisa/306483>