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Anti-GRK6 Rabbit Monoclonal Antibody

Catalog # ABO16311

Product Information

Application	WB
Primary Accession	P43250
Host	Rabbit
Isotype	IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-GRK6 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

Additional Information

Gene ID	2870
Other Names	G protein-coupled receptor kinase 6, 2.7.11.16, G protein-coupled receptor kinase GRK6, GRK6, GPRK6
Calculated MW	65991
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 28G47
Immunogen	A synthesized peptide derived from human GRK6
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

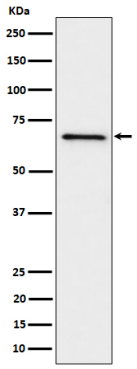
Name	GRK6
Synonyms	GPRK6
Function	Specifically phosphorylates the activated forms of G protein- coupled receptors (PubMed:19423652, PubMed:20048153). Such receptor phosphorylation initiates beta-arrestin-mediated receptor internalization, and

signaling events leading to their desensitization (PubMed:19423652, PubMed:20048153). 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 (PubMed:20048153). Phosphorylates rhodopsin (RHO) (in vitro) and a non G protein-coupled receptor: LRP6 during Wnt signaling (in vitro) (PubMed:19801552).

Cellular Location Membrane; Lipid-anchor.

Tissue Location Widely expressed..

Images



Western blot analysis of GRK6 expression in Ramos cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.