
Product Name: GRK6 (17B2) Rabbit Monoclonal Antibody**Catalog #: AMRe11782**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000
Molecular Weight	66kDa

Antigen Information

Gene Name	GRK6
Alternative Names	G protein coupled receptor kinase 6; G protein coupled receptor kinase GRK6; G protein-coupled receptor kinase 6; Gprk6; Grk6;
Gene ID	2870.0
SwissProt ID	P43250
Immunogen	A synthetic peptide of human GRK6

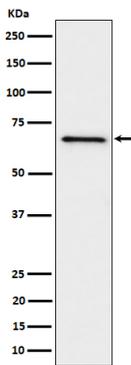
Background

Specifically phosphorylates the activated forms of G protein-coupled receptors. 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).

Research Area

Signal Transduction

Image Data



Western blot analysis of GRK6 expression in Ramos cell lysate.