

Mouse Grk6 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14287b**Specification**

Mouse Grk6 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O70293](#)**Mouse Grk6 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 26385**Other Names**

G protein-coupled receptor kinase 6, G protein-coupled receptor kinase GRK6, Grk6, Gprk6

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Grk6 Antibody (C-term) Blocking Peptide - Protein Information**Name** Grk6**Synonyms** Gprk6**Function**

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) (By similarity).

Cellular Location

Membrane; Lipid-anchor.

Tissue Location

Expressed in the brain in striatal neurons.

Mouse Grk6 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse Grk6 Antibody (C-term) Blocking Peptide - Images

Mouse Grk6 Antibody (C-term) Blocking Peptide - Background

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

Mouse Grk6 Antibody (C-term) Blocking Peptide - References

Chen, M., et al. J. Biol. Chem. 284(50):35040-35048(2009)Raehal, K.M., et al. Drug Alcohol Depend 104(3):187-196(2009)Murga, C., et al. Brain Behav. Immun. 23(1):16-17(2009)Tarrant, T.K., et al. Clin. Immunol. 129(1):115-122(2008)Loniewski, K., et al. Mol. Immunol. 45(8):2312-2322(2008)