

PDE6C Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9728c

Specification

PDE6C Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P51160](#)

PDE6C Antibody (Center) Blocking Peptide - Additional Information

Gene ID 5146

Other Names

Cone cGMP-specific 3', 5'-cyclic phosphodiesterase subunit alpha', cGMP phosphodiesterase 6C, PDE6C, PDEA2

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.

PDE6C Antibody (Center) Blocking Peptide - Protein Information

Name PDE6C

Synonyms PDEA2

Function

As cone-specific cGMP phosphodiesterase, it plays an essential role in light detection and cone phototransduction by rapidly decreasing intracellular levels of cGMP.

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

PDE6C Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PDE6C Antibody (Center) Blocking Peptide - Images

PDE6C Antibody (Center) Blocking Peptide - Background

PDE6C is the alpha-prime subunit of cone phosphodiesterase, which is composed of a homodimer of two alpha-prime subunits and 3 smaller proteins of 11, 13, and 15 kDa.

PDE6C Antibody (Center) Blocking Peptide - References

Muradov, H., et al. J. Biol. Chem. 284(47):32662-32669(2009) Chang, B., et al. Proc. Natl. Acad. Sci. U.S.A. 106(46):19581-19586(2009) Thiadens, A.A., et al. Am. J. Hum. Genet. 85(2):240-247(2009)