

EFR3B Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17768a**Specification**

EFR3B Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9Y2G0](#)**EFR3B Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 22979**Other Names**

Protein EFR3 homolog B, EFR3B, KIAA0953

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.

EFR3B Antibody (N-term) Blocking Peptide - Protein Information**Name** EFR3B ([HGNC:29155](#))**Function**

Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane (PubMed:23229899, PubMed:25608530, PubMed:26571211). The complex acts as a regulator of phosphatidylinositol 4-phosphate (PtdIns(4)P) synthesis (Probable). In the complex, EFR3B probably acts as the membrane-anchoring component (PubMed:23229899). Also involved in responsiveness to G-protein-coupled receptors; it is however unclear whether this role is direct or indirect (PubMed:25380825).

Cellular Location

Cell membrane; Lipid-anchor. Cytoplasm, cytosol. Note=Palmitoylation anchors the protein to the plasma membrane (PubMed:23229899, PubMed:25380825). A small amount is observed in the cytosol (PubMed:25380825)

EFR3B Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

EFR3B Antibody (N-term) Blocking Peptide - Images

EFR3B Antibody (N-term) Blocking Peptide - Background

EFR3B belongs to the EFR3 family.

EFR3B Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Gudbjartsson, D.F., et al. Nat. Genet. 40(5):609-615(2008)