10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

EFNA3 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9484b

Specification

EFNA3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P52797

EFNA3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1944

Other Names
Ephrin-A3, EFL-2, EHK1 ligand, EHK1-L, EPH-related receptor tyrosine kinase ligand 3, LERK-3, EFNA3, EFL2, EPLG3, LERK3

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.

EFNA3 Antibody (C-term) Blocking Peptide - Protein Information

Name EFNA3

Synonyms EFL2, EPLG3, LERK3

Function
Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling (By similarity).

Cellular Location
Cell membrane; Lipid-anchor, GPI-anchor.

Tissue Location
Expressed in brain, skeletal muscle, spleen, thymus, prostate, testis, ovary, small intestine, and peripheral blood leukocytes

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EFNA3 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

EFNA3 Antibody (C-term) Blocking Peptide - Images

EFNA3 Antibody (C-term) Blocking Peptide - Background

EFNA is a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins.

EFNA3 Antibody (C-term) Blocking Peptide - References

??asanaro, P., et al. J. Biol. Chem. 283(23):15878-15883(2008)??harfe, N., et al. Mol. Immunol. 45(5):1208-1220(2008)??ay, B., et al. J. Biol. Chem. 280(28):26526-26532(2005)