10320 Camino Santa Fe, Suite G
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EREG Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP4798b

Specification

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

Primary Accession O14944

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

Gene ID 2069

Other Names
Proepiregulin, Epiregulin, EPR, EREG

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.

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

Name EREG

Function
Ligand of the EGF receptor/EGFR and ERBB4. Stimulates EGFR and ERBB4 tyrosine phosphorylation (PubMed:9419975). Contributes to inflammation, wound healing, tissue repair, and oocyte maturation by regulating angiogenesis and vascular remodeling and by stimulating cell proliferation (PubMed:24631357).

Cellular Location
[Epiregulin]: Secreted, extracellular space

Tissue Location
In normal adults, expressed predominantly in the placenta and peripheral blood leukocytes. High levels were detected in carcinomas of the bladder, lung, kidney and colon

EREG Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

EREG Antibody (C-term) Blocking Peptide - Images

EREG Antibody (C-term) Blocking Peptide - Background

EREG is a member of the epidermal growth factor family. EREG can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors.

EREG Antibody (C-term) Blocking Peptide - References

Ben-Ami, I., et al. Hum. Reprod. 24(1):176-184(2009)Cho, M.C., et al. Biochem. Biophys. Res. Commun. 377(3):832-837(2008)Lasky-Su, J., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 147B (8), 1345-1354 (2008)