

**FGF7 Antibody (Center) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP10193c****Specification**

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**FGF7 Antibody (Center) Blocking peptide - Product Information**

Primary Accession [P21781](#)  
Other Accession [NP\\_002000.1](#)

**FGF7 Antibody (Center) Blocking peptide - Additional Information**

**Gene ID** 2252

**Other Names**

Fibroblast growth factor 7, FGF-7, Heparin-binding growth factor 7, HBGF-7, Keratinocyte growth factor, FGF7, KGF

**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.

**FGF7 Antibody (Center) Blocking peptide - Protein Information**

**Name** FGF7

**Synonyms** KGF

**Function**

Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. Growth factor active on keratinocytes. Possible major paracrine effector of normal epithelial cell proliferation.

**Cellular Location**

Secreted.

**Tissue Location**

Epithelial cell.

**FGF7 Antibody (Center) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

#### **FGF7 Antibody (Center) Blocking peptide - Images**

#### **FGF7 Antibody (Center) Blocking peptide - Background**

The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is a potent epithelial cell-specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis.

#### **FGF7 Antibody (Center) Blocking peptide - References**

Lin, C.B., et al. J. Dermatol. Sci. 59(2):91-97(2010) Bando, M., et al. Immunol. Cell Biol. 88(3):328-333(2010) Wang, X., et al. Biomaterials 31(9):2542-2548(2010) Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) : Aguilar, S., et al. PLoS ONE 4 (11), E8013 (2009) :