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Mouse Fgf8 Antibody(N-term) Blocking peptide

Synthetic peptide
Catalog # BP19631a

Specification

Mouse Fgf8 Antibody(N-term) Blocking peptide - Product Information

Primary Accession P37237

Mouse Fgf8 Antibody(N-term) Blocking peptide - Additional Information

Gene ID 14179

Other Names
Fibroblast growth factor 8, FGF-8, Androgen-induced growth factor, AIGF, Heparin-binding growth factor 8, HBGF-8, Fgf8, Aigf

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.

Mouse Fgf8 Antibody(N-term) Blocking peptide - Protein Information

Name Fgf8

Synonyms Aigf

Function
Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. Required for normal brain, eye, ear and limb development during embryogenesis. Required for normal development of the gonadotropin-releasing hormone (GnRH) neuronal system. Plays a role in neurite outgrowth in hippocampal cells (By similarity). Cooperates with Wnt-1 in mouse mammary tumor virus-induced murine mammary tumorigenesis (PubMed:7884899).

Cellular Location
Secreted.

Tissue Location
Absent in normal mammary glands and detected only in adult testis and ovary and in midgestational embryos

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Mouse Fgf8 Antibody(N-term) Blocking peptide - Protocols

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

- Blocking Peptides

Mouse Fgf8 Antibody(N-term) Blocking peptide - Images

Mouse Fgf8 Antibody(N-term) Blocking peptide - Background

Stimulates growth of the cells in an autocrine manner. Mediates hormonal action on the growth of cancer cells. Cooperates with Wnt-1 in mouse mammary tumor virus-induced murine mammary tumorigenesis.

Mouse Fgf8 Antibody(N-term) Blocking peptide - References

Yu, S., et al. Dev. Biol. 347(1):92-108(2010)Toyoda, R., et al. Development 137(20):3439-3448(2010)Leung, A.W., et al. Dev. Dyn. 239(9):2319-2329(2010)Mao, J., et al. Development 137(18):3079-3088(2010)Mitsiadis, T.A., et al. Development 137(18):3025-3035(2010)