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

FGF9 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10213a

Specification

FGF9 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	P31371
Other Accession	NP_002001.1

FGF9 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 2254

Other Names
Fibroblast growth factor 9, FGF-9, Glia-activating factor, GAF, Heparin-binding growth factor 9, HBGF-9, FGF9

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.

FGF9 Antibody (N-term) Blocking peptide - Protein Information

Name FGF9

Function
Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.

Cellular Location
Secreted.

Tissue Location
Glial cells.

FGF9 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

FGF9 Antibody (N-term) Blocking peptide - Images

FGF9 Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is a member of thefibroblast growth factor (FGF) family. FGF family members possessbroad mitogenic and cell survival activities, and are involved in avariety of biological processes, including embryonic development,cell growth, morphogenesis, tissue repair, tumor growth andinvasion. This protein was isolated as a secreted factor thatexhibits a growth-stimulating effect on cultured glial cells. Innervous system, this protein is produced mainly by neurons and maybe important for glial cell development. Expression of the mousehomolog of this gene was found to be dependent on Sonic hedgehog(Shh) signaling. Mice lacking the homolog gene displayed amale-to-female sex reversal phenotype, which suggested a role intesticular embryogenesis.

FGF9 Antibody (N-term) Blocking peptide - References

Jugessur, A., et al. PLoS ONE 5 (7), E11493 (2010) :Yokoyama, K., et al. Nephron Clin Pract 115 (4), C237-C243 (2010) :Kalinina, J., et al. Mol. Cell. Biol. 29(17):4663-4678(2009)Marroni, F., et al. Circ Cardiovasc Genet 2(4):322-328(2009)Wu, X.L., et al. Am. J. Hum. Genet. 85(1):53-63(2009)