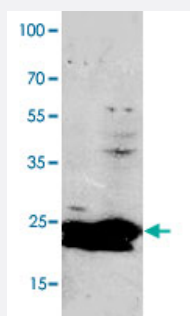


FGF9 polyclonal antibody

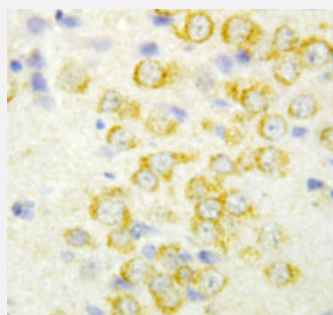
Catalog # PAB19495 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of rat brain with FGF9 polyclonal antibody (Cat # PAB19495).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rat brain tissue section with FGF9 polyclonal antibody (Cat # PAB19495).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of FGF9.
Immunogen	A synthetic peptide corresponding to amino acids at middle region of human FGF9.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	It identical to the related mouse and rat sequence.
Form	Lyophilized
Purification	Immunoaffinity purification

Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of rat brain with FGF9 polyclonal antibody (Cat # PAB19495).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rat brain tissue section with FGF9 polyclonal antibody (Cat # PAB19495).

Gene Info — FGF9

Entrez GeneID	2254
Gene Name	FGF9
Gene Alias	GAF, HBFG-9, MGC119914, MGC119915
Gene Description	fibroblast growth factor 9 (glia-activating factor)
Omim ID	600921
Gene Ontology	Hyperlink

Gene Summary

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 was isolated as a secreted factor that exhibits a growth-stimulating effect on cultured glial cells. In nervous system, this protein is produced mainly by neurons and may be important for glial cell development. Expression of the mouse homolog of this gene was found to be dependent on Sonic hedgehog (Shh) signaling. Mice lacking the homolog gene displayed a male-to-female sex reversal phenotype, which suggested a role in testicular embryogenesis. [provided by RefSeq]

Other Designations

OTTHUMP00000018804|fibroblast growth factor 9|glia-activating factor

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hyperparathyroidism](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)