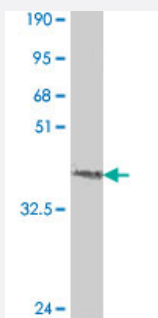


# FGF9 polyclonal antibody (A01)

Catalog # H00002254-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (38.21 KDa) .

## Specification

<b>Product Description</b>	Mouse polyclonal antibody raised against a partial recombinant FGF9.
<b>Immunogen</b>	FGF9 (NP_002001, 99 a.a. ~ 208 a.a) partial recombinant protein with GST tag.
<b>Sequence</b>	SIAVGLVSIRGVDSGLYLGMNEKGELYGSEKLTQECVFREQFEENWYNTYSSNLYKHVDTGRRYY VALNKDGTPREGTRTKRHQKFTHFLPRPVDPAKVPPELYKDILSQS
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (100)
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 KDa) .
<b>Storage Buffer</b>	50 % glycerol
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — FGF9

Entrez GeneID [2254](#)

GeneBank Accession# [NM\\_002010](#)

Protein Accession# [NP\\_002001](#)

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](#)