

FGF2 polyclonal antibody (A01)

Catalog # H00002247-A01

Size 50 uL

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant FGF2.
Immunogen	FGF2 (NP_001997, 189 a.a. ~ 288 a.a) partial recombinant protein with GST tag.
Sequence	SDPHIKLQLQAEERGVSIGVVCANRYLAMKEDGRLLASKCVTDECFFFERLESNNYNTYRSRKY TSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — FGF2

Entrez GeneID	2247
GeneBank Accession#	NM_002006
Protein Accession#	NP_001997
Gene Name	FGF2

Gene Alias	BFGF, FGFB, HBGF-2
Gene Description	fibroblast growth factor 2 (basic)
Omim ID	134920
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. [provided by RefSeq]
Other Designations	basic fibroblast growth factor bFGF fibroblast growth factor 2 heparin-binding growth factor 2 prostaglandin

Pathway

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

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Depressive Disorder](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Retinopathy](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Myopia](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)