

MaxPab®

FGF2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002247-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human FGF2 protein.
Immunogen	FGF2 (AAI66646.1, 1 a.a. ~ 288 a.a) full-length human protein.
Sequence	MVGVGGGDVEDVTPRPGGCQISGRGARGCNGIPGAAAWAALPRRRPRRHPSVNPRSRAAGS PRTRGRRTEERPSGSRLGDRGRGRALPGGRLGGRGRGRAPERVGGGRGRGRGTAAPRAAPAAR GSRPGPAGTMAAGSITTLPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREK SDPHIKLQLQAEERGVSIGVCANRYLAMKEDGRLLASKCVTDECFFFERLESNNYNTYRSRKY TSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (97)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — FGF2

Entrez GeneID

[2247](#)

GeneBank Accession#	BC166646.1
Protein Accession#	AA166646.1
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 prostatropin

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](#)
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- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
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- [Neoplasms](#)
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- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)

- [Pre-Eclampsia](#)

- [Premature Birth](#)