FGF2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGF2, Polyclonal Antibody
Full Product Name	Rabbit Anti Human FGF2 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Western Blot, IHC, Immunofluorescence)
Product Gene Name	anti-FGF2 antibody
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	It is a polyclonal antibody in a liquid format, buffered in PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	30,770 Da
3D Structure	ModBase 3D Structure for P09038
Immunogen	Recombinant fusion protein of human FGF2 (NP_001997.5).
Applications Tested/Suitable for anti-FGF2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Related Product Information for anti-FGF2 antibody	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. This product can be used in analytical tools such as Western Blot, IHC, Immunofluorescence.
Other Notes	Small volumes of anti-FGF2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FGF2 purchase	MBS8423772 is an antibody targeting FGF2. Also known as Rabbit Anti Human FGF2 Polyclonal Affinity Purified (PBS with 0.02% sodium azide, 50% glycerol, pH7.3)(Western Blot, IHC, Immunofluorescence). Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGF2. It may not necessarily be applicable to this product.

NCBI GI #	153285461
NCBI GeneID	2247
NCBI Accession #	NP_001997.5
UniProt Primary Accession #	P09038
UniProt Secondary Accession #	O00527; P78443; Q16443; Q5PY50; Q7KZ11; Q7KZ72; Q9UC54; Q9UCS5; Q9UCS6; A4LBB8

UniProt Related Accession #	P09038
GenBank Nucleotide #	NM_002006.4
NCBI Official Full Name	fibroblast growth factor 2
NCBI Official Synonym Full Names	fibroblast growth factor 2 (basic)
NCBI Official Symbol	FGF2
NCBI Official Synonym Symbols	BFGF; FGFB; FGF-2; HBGF-2
Protein Family	Fibroblast growth factor
NCBI Protein Information	fibroblast growth factor 2; prostatropin; heparin-binding growth factor 2; basic fibroblast growth factor bFGF
NCBI Summary for FGF2	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, Jul 2008]
Research Articles on FGF2	**1.** Topical secretoneurin gene therapy accelerates diabetic wound healing by interaction between heparan-sulfate proteoglycans and basic FGF.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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