FGF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGF1, Polyclonal Antibody
Full Product Name	Anti-FGF1 Antibody, Rabbit Polyclonal
Product Gene Name	anti-FGF1 antibody
Product Synonym Names	aFGF/FGF1 Antibody, Rabbit PAb, Antigen Affinity Purified; fibroblast growth factor 1 (acidic)
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Canine
Form/Format	Liquid; 0.2um filtered solution in PBS
Purity/Purification	Protein A & Antigen Affinity
Specificity	Canine aFGF/FGF1
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Immunogen	Recombinant Canine aFGF/FGF1 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Canine aFGF/FGF1. aFGF/FGF1 specific IgG was purified by Canine aFGF/FGF1 affinity chromatography.
Product Categories/Family for anti-FGF1 antibody	Actin Dynamics Signaling Pathway
Applications Tested/Suitable for anti-FGF1 antibody	ELISA (EIA)
Application Notes for anti-FGF1 antibody	ELISA: 1:5000-1:10,000
Related Product Information for anti-FGF1 antibody	aFGF, also known as FGF1 and HBGF-1, is a member of the fibroblast growth factor family. The biological activity of aFGF protein is exerted through binding to four high affinity cell surface receptors (FGFR1-4), which results in receptor dimerization and transphosphorylation in the tyrosine kinase domain. aFGF protein shows a wide range of endocrine-like activities. As a multiple function growth factor, this protein is involved in embryo development and tissue repair. Additionally, this protein is considered to function in several important physiological and pathological processes, such as embryonic development, morphogenesis, angiogenesis, wound healing and atheromatosis, carcinogenesis, development, and invasion of cancer. References
Product References and Citations for anti-FGF1 antibody	Jaye M., et al., (1986), Human endothelial cell growth factor: cloning, nucleotide sequence, and chromosome localization. Science 233:541-545.Mergia A., et al., (1989), Structural analysis of the gene for human acidic fibroblast growth factor.Biochem. Biophys. Res. Commun. 164:1121-1129.Wang W.P., et al., (1989), Cloning of the gene coding for human class 1 heparin-binding growth factor and its expression in fetal tissues.Mol. Cell. Biol. 9:2387-2395.
Other Notes	Small volumes of anti-FGF1 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 FGF1 purchase	MBS8112544 is an antibody targeting FGF1. Also known as Anti-FGF1 Antibody, Rabbit Polyclonal. Reactive in Canine. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGF1. It may not necessarily be applicable to this product.

NCBI Accession #	XP_849274.1
Protein Family	Fibroblast growth factor
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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