FGF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGF1, Polyclonal Antibody
Full Product Name	FGF1
Product Gene Name	anti-FGF1 antibody
Product Synonym Names	Purified Rabbit Anti Human FGF1 Polyclonal antibody; AFGF; ECGF; ECGF-beta; ECGFA; ECGFB; FGF-1; FGF-alpha; FGFA; GLIO703; HBGF-1; HBGF1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human Predicted: Rat, Mouse
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	20kDa
Immunogen	Recombinant fragment corresponding to 45aa-146aa of human FGF1.
Cellular Localization	Cytoplasm, Nucleus and Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FGF1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-FGF1 antibody	ELISA: 1:20000-80000 WB: 1:200-1,000 IHC: 1:100-500
Related Product Information for anti-FGF1 antibody	MBS8563166 is an antibody targeting FGF1. Reactive in Human Predicted: Rat, Mouse. Host: Rabbit. Homo sapiens fibroblast growth factor 1 (acidic), mRNA
Product References and Citations for anti-FGF1 antibody	Gimenez-Gallego G, Conn G, Hatcher V B. et al. Human brain-derived acidic and basic fibroblast growth factors: amino terminal sequences and specific mitogenic activities. Biochemical and biophysical research communications. 135 (2):541-548 (1986)
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.

ADDITIONAL DETAILS

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

NCBI GI #	21595686
NCBI GeneID	2246
NCBI Accession #	BC032697
UniProt Related Accession #	P05230

NCBI Official Full Name	Homo sapiens fibroblast growth factor 1 (acidic), mRNA
NCBI Official Synonym Full Names	fibroblast growth factor 1
NCBI Official Symbol	FGF1
NCBI Official Synonym Symbols	AFGF; ECGF; FGFA; ECGFA; ECGFB; FGF-1; HBGF1; HBGF-1; GLIO703; ECGF-beta; FGF-alpha
Protein Family	Fibroblast growth factor
NCBI Protein Information	fibroblast growth factor 1
NCBI Summary for FGF1	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 functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis. Multiple alternatively spliced variants encoding different isoforms have been described. [provided by RefSeq, Jan 2009]
Research Articles on FGF1	**1.** The study examines the effect of size and sulfation pattern of heparan sulfate (HS) upon FGF1 oligomerization, binding stoichiometry and conformational stability, through a combination of ion mobility (IM) and theoretical modeling approaches. Ion mobility-mass spectrometry (IMMS) of FGF1 in the presence of several HS fragments ranging from tetrasaccharide (dp4) to dodecasaccharide (dp12) in length was performed.
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