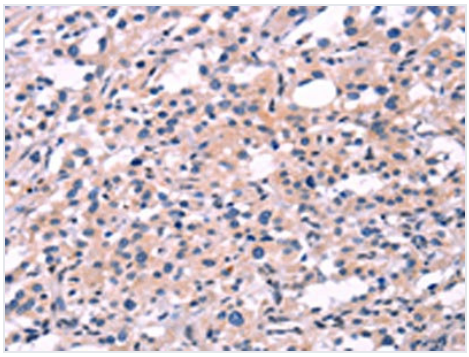
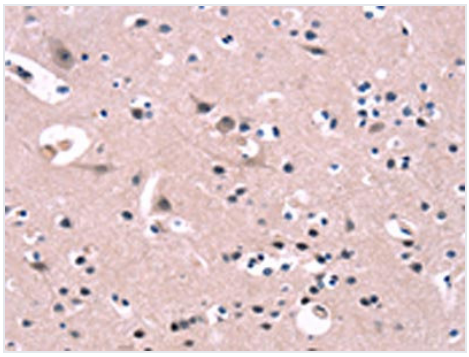
FGF16 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FGF16, Polyclonal Antibody
Full Product Name	FGF16 Antibody
Product Gene Name	anti-FGF16 antibody
Product Synonym Names	fibroblast growth factor 16
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	23,759 Da
OMIM	300827
3D Structure	ModBase 3D Structure for O43320
Immunogen	Synthetic peptide of human FGF16
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-FGF16 antibody	Cardiovascular
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FGF16 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-FGF16 antibody	ELISA: 1:1000-1:2000 IHC: 1:25-1:100
Related Product Information for anti-FGF16 antibody	MBS7128937 is an antibody targeting FGF16. Also known as FGF16 Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-FGF16 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.



Immunohistochemistry (IHC)-Paraffin of anti-FGF16 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MBS7128937(FGF16 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-FGF16 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using MBS7128937(FGF16 Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGF16. It may not necessarily be applicable to this product.

NCBI GI #	4503691
NCBI GeneID	8823
NCBI Accession #	NP_003859.1
UniProt Primary Accession #	O43320
UniProt Related Accession #	O43320
GenBank Nucleotide #	NM_003868.2
NCBI Official Full Name	fibroblast growth factor 16
NCBI Official Synonym Full Names	fibroblast growth factor 16
NCBI Official Symbol	FGF16
NCBI Official Synonym Symbols	MF4; FGF-16
UniProt Protein Name	Fibroblast growth factor 16
Protein Family	Fibroblast growth factor
UniProt Gene Name	FGF16
UniProt Synonym Gene Names	FGF-16
UniProt Entry Name	FGF16_HUMAN
NCBI Protein Information	fibroblast growth factor 16

UniProt Comments for FGF16	FGF16: Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation, and is required for normal cardiomyocyte proliferation and heart development. Belongs to the heparin-binding growth factors family. Protein type: Cytokine Chromosomal Location of Human Ortholog: Xq13 Cellular Component: extracellular region; extracellular space Molecular Function: 1-phosphatidylinositol-3-kinase activity; phosphatidylinositol-4,5-bisphosphate 3-kinase activity; protein-tyrosine kinase activity; Ras guanyl-nucleotide exchange factor activity Biological Process: cell-cell signaling; fibroblast growth factor receptor signaling pathway; MAPKKK cascade; metabolic process; organ morphogenesis; phosphoinositide-mediated signaling; regulation of endothelial cell proliferation; regulation of MAP kinase activity; regulation of phosphoinositide 3-kinase cascade; response to temperature stimulus; signal transduction Disease: Metacarpal 4-5 Fusion
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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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