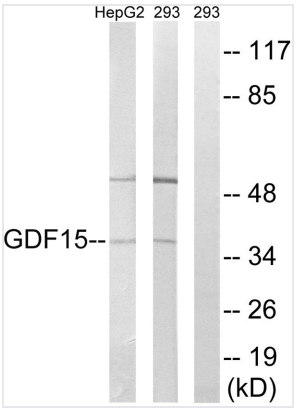
GDF15 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GDF15, Polyclonal Antibody
Full Product Name	GDF15 Antibody
Product Gene Name	anti-GDF15 antibody
Product Synonym Names	Growth/differentiation factor 15; GDF-15; Placental bone morphogenetic protein; Placental TGF-beta; Macrophage inhibitory cytokine 1; MIC-1; Prostate differentiation factor; NSAID-regulated protein 1; NRG-1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	GDF15 Antibody detects endogenous levels of total GDF15 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	34 kDa
OMIM	U88323 mRNA
3D Structure	ModBase 3D Structure for Q99988
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human GDF15.
Immunogen Range	31-80
Applications Tested/Suitable for anti-GDF15 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-GDF15 antibody	WB: 1:500~1:1000 ELISA: 1:40000
Related Product Information for anti-GDF15 antibody	MBS9506420 is an antibody targeting GDF15. Also known as GDF15 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-GDF15 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.



Western Blot (WB) of anti-GDF15 antibody
Western blot analysis of lysates from 293 and HepG2 cells, using GDF15 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GDF15. It may not necessarily be applicable to this product.

NCBI GI #	153792495
NCBI GeneID	9518
NCBI Accession #	NP_004855.2
UniProt Primary Accession #	Q99988
UniProt Secondary Accession #	O14629; P78360; Q9BWA0; Q9NRT0
UniProt Related Accession #	Q99988
GenBank Nucleotide #	NM_004864.3
NCBI Official Full Name	growth/differentiation factor 15 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 15
NCBI Official Symbol	GDF15
NCBI Official Synonym Symbols	PDF; MIC1; PLAB; MIC-1; NAG-1; PTGFB; GDF-15
UniProt Protein Name	Growth/differentiation factor 15
UniProt Synonym Protein Names	Macrophage inhibitory cytokine 1; MIC-1; NSAID-activated gene 1 protein; NAG-1; NSAID-regulated gene 1 protein; NRG-1; Placental TGF-beta; Placental bone morphogenetic protein; Prostate differentiation factor
Protein Family	Growth/differentiation factor
UniProt Gene Name	GDF15
UniProt Synonym Gene Names	MIC1; PDF; PLAB; PTGFB; GDF-15; MIC-1; NAG-1; NRG-1
NCBI Protein Information	growth/differentiation factor 15
NCBI Summary for GDF15	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. The protein is expressed in a broad range of cell types, acts as a pleiotropic cytokine and is involved in the stress response program of cells after cellular injury. Increased protein levels are associated with disease states such as tissue hypoxia, inflammation, acute injury and oxidative stress. [provided by RefSeq, Aug 2016]
Research Articles on GDF15	**1.** The GDF-15 gene rs1804826G/T polymorphism and sGDF-15 levels are associated with ischemic stroke in the Chinese population.

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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/gdf15/9506420