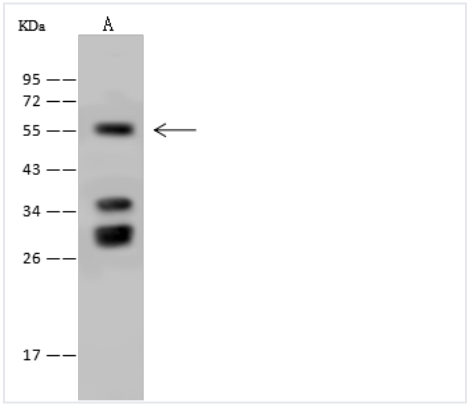
Fetuin B (FETUB) Antibody – Rabbit Polyclonal

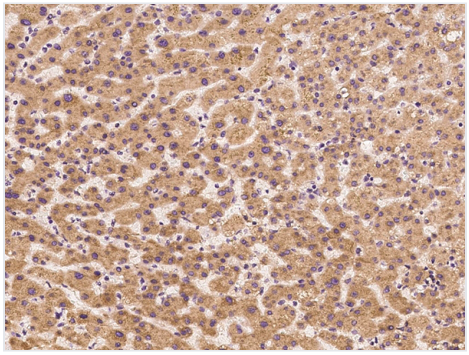
PRODUCT OVERVIEW

Product Name	Fetuin B (FETUB), Polyclonal Antibody
Full Product Name	Anti-Fetuin B Antibody, Rabbit Polyclonal
Product Gene Name	anti-FETUB antibody
Product Synonym Names	Fetuin B/FETUB Antibody, Rabbit PAb, Antigen Affinity Purified; fetuin B; Anti-16G2 Antibody; Anti-Gugu Antibody; Anti-IRL685 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human Fetuin B/FETUB
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. Avoid repeated freeze-thaw cycles.
Molecular Weight	37,823 Da
OMIM	605954
3D Structure	ModBase 3D Structure for Q9UGM5
Immunogen	A synthetic peptide corresponding to the center region of the Human Fetuin B/FETUB
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human Fetuin B/FETUB, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-FETUB antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P)
Application Notes for anti-FETUB antibody	WB: 1:500-1:2000 IHC-P: 1:200-1:1000
Related Product Information for anti-FETUB antibody	Fetuin-B, also known as Fetuin-like protein IRL685 and FETUB, is a secreted protein which belongs to thefetuin family. Fetuin-B/FETUB contains twocystatin domains. Fetuin-B is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption. Fetuin-A has been identified as a major protein during fetal life and is also involved in important functions such as protease inhibitory activities and development-associated regulation of calcium metabolism and osteogenesis. Fetuin-A is a key partner in the recovery phase of an acute inflammatory response. Fetuin-B/FETUB is found at least in human and rodents. It is unambiguously a paralogue of Fetuin-A. Fetuin-A and Fetuin-B exhibit significant differences at the amino acid sequence level, notably including variations with respect to the archetypal fetuin-specific signature.
Product References and Citations for anti-FETUB antibody	Olivier E., et al., 2000, Biochem. J. 350:589-97 Liu T., et al., 2005, J. Proteome Res. 4:2070-80. Hsu SJ, et al., 2005, Genome. 47 (5): 931-46. Liu T, et al., 2006, J. Proteome Res.4 (6): 2070-80.

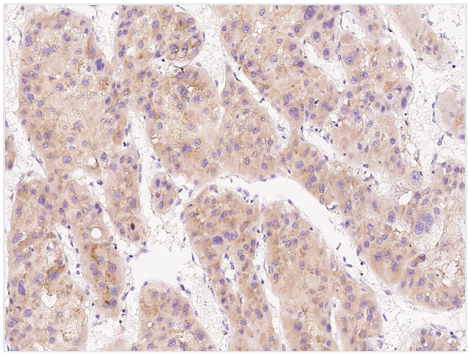
Other Notes	Small volumes of anti-FETUB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for FETUB purchase	MBS8103405 is an antibody targeting FETUB. Also known as Anti-Fetuin B Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-FETUB antibody
Anti-FETUB rabbit polyclonal antibody at 1:500 dilution Lane A: 293T Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:42 kDa Observed band size:55 kDa



Immunohistochemistry (IHC) of anti-FETUB antibody
Immunochemical staining of human FETUB in human liver with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.



Immunohistochemistry (IHC) of anti-FETUB antibody
Immunochemical staining of human FETUB in human hepatoma with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL DETAILS

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

NCBI GI #	58331240
NCBI GeneID	26998
NCBI Accession #	NP_055190.2
UniProt Primary Accession #	Q9UGM5
UniProt Secondary Accession #	Q1RMZ0; Q5J876; Q6DK58; Q6GRB6; Q9Y6Z0; B2RCW6; E9PG06
UniProt Related Accession #	Q9UGM5
GenBank Nucleotide #	NM_014375.2
NCBI Official Full Name	fetuin-B
NCBI Official Synonym Full Names	fetuin B
NCBI Official Symbol	FETUB

NCBI Official Synonym Symbols	16G2; Gugu; IRL685
UniProt Protein Name	Fetuin-B
UniProt Synonym Protein Names	16G2; Fetuin-like protein IRL685; Gugu
Protein Family	Fetuin
UniProt Gene Name	FETUB
UniProt Entry Name	FETUB_HUMAN
NCBI Protein Information	fetuin-B; fetuin-like protein IRL685
NCBI Summary for FETUB	The protein encoded by this gene is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells. [provided by RefSeq, Jul 2008]
UniProt Comments for FETUB	FETUB: is a member of the fetuin family, part of the cystatin superfamily of cysteine protease inhibitors. Fetuins have been implicated in several diverse functions, including osteogenesis and bone resorption, regulation of the insulin and hepatocyte growth factor receptors, and response to systemic inflammation. This protein may be secreted by cells. [provided by RefSeq, Jul 2008] Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 3q27 Cellular Component: extracellular space Molecular Function: metalloendopeptidase inhibitor activity; cysteine protease inhibitor activity Biological Process: binding of sperm to zona pellucida; single fertilization
Research Articles on FETUB	**1.** Reduced expression of fetuin-b led to a significant increase in the expression of lipogenic genes, thereby resulting in higher lipid levels.
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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