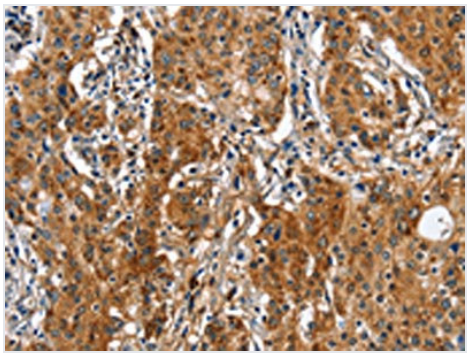
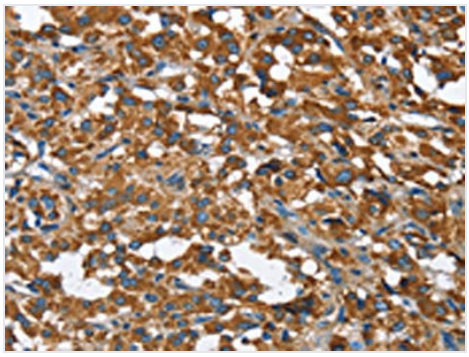
BGN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

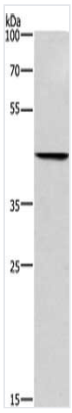
Product Name	BGN, Polyclonal Antibody
Full Product Name	BGN Antibody
Product Gene Name	anti-BGN antibody
Product Synonym Names	biglycan
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	42kDa
Chromosome Location	Chromosome: X; NC_000023.10 (152760347..152775004). Location: Xq28
OMIM	301870
3D Structure	ModBase 3D Structure for P21810
Immunogen	Fusion protein of human BGN
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-BGN antibody	Signal Transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BGN antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-BGN antibody	ELISA: 1:1000-1:2000 WB: 1:200-1:1000 IHC: 1:50-1:200
Related Product Information for anti-BGN antibody	MBS7125142 is an antibody targeting BGN. Also known as BGN Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-BGN 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-BGN antibody
The image on the left is immunohistochemistry of paraffin-embedded Human gastic cancer tissue using MBS7125142(BGN Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-BGN antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MBS7125142(BGN Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: ×200)



SDS-Page of anti-BGN antibody
Gel: 8%SDS-PAGE, Lysate: 40 ug, Lane: Hela cells, Primary antibody: MBS7125142(BGN Antibody) at dilution 1/550, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds

ADDITIONAL DETAILS

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

NCBI GI #	4502403
NCBI GeneID	633
NCBI Accession #	NP_001702.1
UniProt Primary Accession #	P21810
UniProt Secondary Accession #	P13247; D3DWU3
UniProt Related Accession #	P21810
GenBank Nucleotide #	NM_001711.4
NCBI Official Full Name	biglycan preproprotein
NCBI Official Synonym Full Names	biglycan
NCBI Official Symbol	BGN
NCBI Official Synonym Symbols	PGI; DSPG1; PG-S1; SLRR1A
UniProt Protein Name	Biglycan
UniProt Synonym Protein Names	Bone/cartilage proteoglycan I; PG-S1
Protein Family	Biglycan

UniProt Gene Name	BGN
UniProt Synonym Gene Names	SLRR1A
UniProt Entry Name	PGS1_HUMAN
NCBI Protein Information	biglycan; biglycan proteoglycan; bone/cartilage proteoglycan I; bone/cartilage proteoglycan-I; small leucine-rich protein 1A; dermatan sulphate proteoglycan I
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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