

Rabbit BGN Polyclonal Antibody | anti-BGN antibody

BGN Polyclonal Antibody

CATALOG # AAA169589	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
-------------------------------	-----------------------	--	--

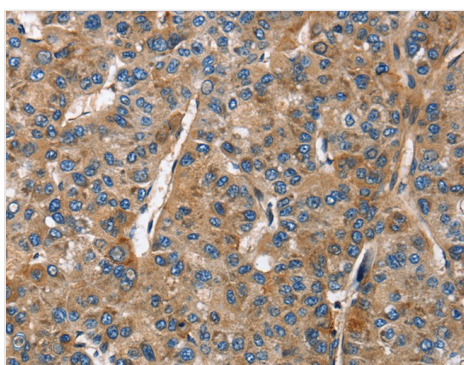
PRODUCT SYNONYMS

BGN; Polyclonal Antibody; BGN Polyclonal Antibody; PGI; DSPG1; PG-S1; SLRR1A; anti-BGN antibody

PRODUCT SPECIFICATIONS

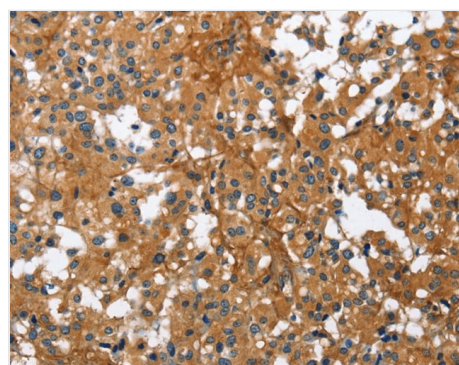
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.3mg/mL (varies by lot)
Sequence Length	368
Applicable Applications for anti-BGN antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human BGN
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using BGN Polyclonal Antibody at dilution 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using BGN Polyclonal Antibody at dilution 1:50

ADDITIONAL INFORMATION

Related Product Information for anti-BGN antibody	The protein encoded by this gene is a small cellular or pericellular matrix proteoglycan that is closely related in structure to two other small proteoglycans, decorin and fibromodulin. The encoded protein and decorin are thought to be the result of a gene duplication. Decorin contains one attached glycosaminoglycan chain, while this protein probably contains two chains. For this reason, this protein is called biglycan. This protein plays a role in assembly of collagen fibrils and muscle regeneration. It interacts with several proteins involved in muscular dystrophy, including alpha-dystroglycan, alpha- and gamma-sarcoglycan and collagen VI, and it is critical for the assembly of the dystrophin-associated protein complex.
Product Categories/Family for anti-BGN antibody	Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502403
NCBI GeneID	633
NCBI Accession #	NP_001702.1
NCBI GenBank Nucleotide #	NM_001711.4
Molecular Weight	41,654 Da
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
NCBI Protein Information	biglycan; biglycan proteoglycan; bone/cartilage proteoglycan I; bone/cartilage proteoglycan-I; dermatan sulphate proteoglycan I; small leucine-rich protein 1A
UniProt Protein Name	Biglycan
UniProt Gene Name	BGN
UniProt Synonym Gene Names	SLRR1A
UniProt Entry Name	PGS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/bgn-antibody-immunohistochemistry-elisa/169589>