

Rabbit HSPG2-Specific Polyclonal Antibody | anti-HSPG2 antibody

HSPG2-Specific Antibody

CATALOG # AAA328859	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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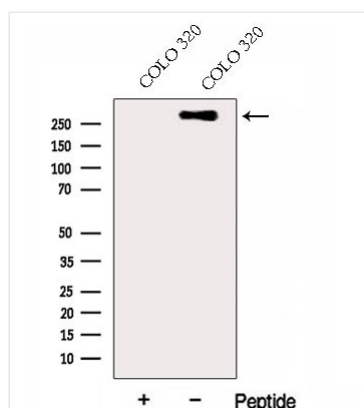
PRODUCT SYNONYMS

HSPG2-Specific; Polyclonal Antibody; HSPG2-Specific Antibody; Basement membrane specific heparan sulfate proteoglycan core protein; Endorepellin (domain V region); Heparan sulfate proteoglycan of basement membrane; HSPG 2; HSPG; LG3 peptide; Perlecan; PGBM_HUMAN; PLC; Schwartz Jampel syndrome 1 (chondrodystrophic myotonia); SJA; SJS; SJS1; anti-HSPG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HSPG2-Specific Antibody detects endogenous levels of HSPG2-Specific.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	507
Applicable Applications for anti-HSPG2 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human HSPG2, corresponding to a region within N-terminal amino acids.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO 320 cells, using HSPG2-Specific Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPG2 antibody	Integral component of basement membranes. Component of the glomerular basement membrane (GBM), responsible for the fixed negative electrostatic membrane charge, and which provides a barrier which is both size- and charge-selective. It serves as an attachment substrate for cells. Plays essential roles in vascularization. Critical for normal heart development and for regulating the vascular response to injury. Also required for avascular cartilage development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13242858
NCBI GeneID	3339
UniProt Accession #	P98160
Molecular Weight	469 kDa
NCBI Official Full Name	heparan sulfate proteoglycan core protein, partial
NCBI Official Synonym Full Names	heparan sulfate proteoglycan 2
NCBI Official Symbol	HSPG2
NCBI Official Synonym Symbols	PLC; SJA; SJS; HSPG; SJS1; PRCAN
NCBI Protein Information	basement membrane-specific heparan sulfate proteoglycan core protein
UniProt Protein Name	Basement membrane-specific heparan sulfate proteoglycan core protein
UniProt Gene Name	HSPG2
UniProt Synonym Gene Names	HSPG; PLC
UniProt Entry Name	PGBM_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hspg2-specific-antibody-western-blot-elisa/328859>