

Rabbit anti-Human, Mouse HSPG2 Polyclonal Antibody | anti-HSPG2 antibody

HSPG2 Antibody

CATALOG # AAA303577	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry
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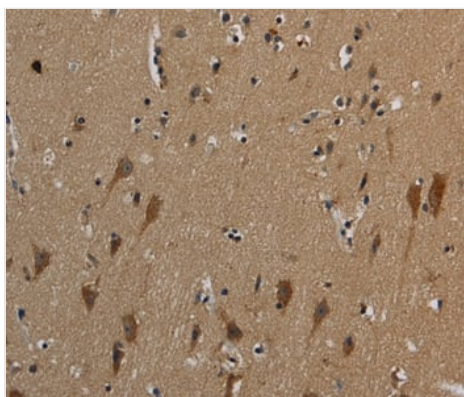
PRODUCT SYNONYMS

HSPG2; Polyclonal Antibody; HSPG2 Antibody; PLC; SJA; SJS; HSPG; SJS1; PRCAN; anti-HSPG2 antibody

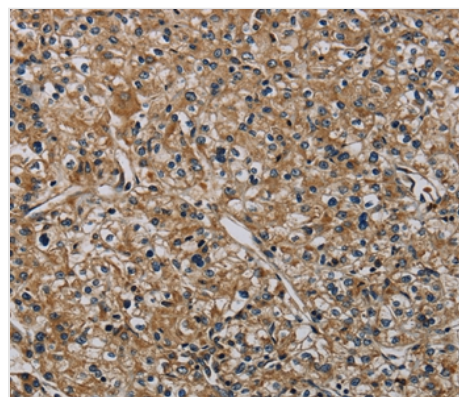
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total HSPG2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	3.2 mg/ml (varies by lot)
Sequence Length	4392
Applicable Applications for anti-HSPG2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human heparan sulfate proteoglycan 2
Target Name	HSPG2
Preparation and Storage	Store at -20 degree C

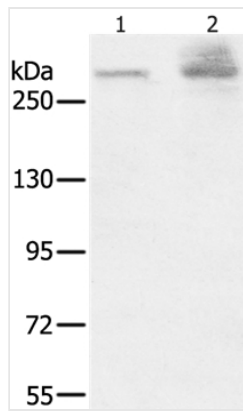
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/50.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using at dilution 1/50.



Application Data

Gel: 6%SDS-PAGE Lysates (from left to right): A549 and K562 cell Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-HSPG2 antibody	This gene encodes the perlecan protein, which consists of a core protein to which three long chains of glycosaminoglycans (heparan sulfate or chondroitin sulfate) are attached. The perlecan protein is a large multidomain proteoglycan that binds to and cross-links many extracellular matrix components and cell-surface molecules. It has been shown that this protein interacts with laminin, prolargin, collagen type IV, FGFBP1, FBLN2, FGF7 and transthyretin, etc., and it plays essential roles in multiple biological activities.
Product Categories/Family for anti-HSPG2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	629266065
NCBI GeneID	3339
NCBI Accession #	NP_001278789.1
NCBI GenBank Nucleotide #	NM_001291860.1
UniProt Accession #	P98160; Q16287; Q5SZI3; Q9H3V5
Molecular Weight	468,830 Da
NCBI Official Full Name	basement membrane-specific heparan sulfate proteoglycan core protein isoform a
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.

