

Rabbit anti-Human, Mouse Versican Monoclonal Antibody | anti-VCAN antibody

Versican Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312609	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

Versican; Monoclonal Antibody; Versican Antibody; Chondroitin sulfate proteoglycan 2 antibody; Chondroitin sulfate proteoglycan core protein 2 antibody; Chondroitin sulfate proteoglycan core protein; cartilage antibody; CSPG2 antibody; CSPG2_HUMAN antibody; ERVR antibody; GHAP antibody; Glial hyaluronate binding protein antibody; Glial hyaluronate-binding protein antibody; Large fibroblast proteoglycan antibody; PG-M antibody; PGM antibody; VCAN antibody; Versican antibody; Versican core protein antibody; Versican proteoglycan antibody; WGN 1 antibody; WGN antibody; WGN1 antibody; anti-VCAN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	JB42-32
Purity/Purification	ProA affinity purified
Form/Format	1*TBST (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-VCAN antibody	WB (Western Blot), IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Versican antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-Versican antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-VCAN antibody	Versican (chondroitin sulfate proteoglycan 2) is a large extracellular matrix proteoglycan involved in cell growth and differentiation. Important as a structural molecule, versican creates loose and hydrated matrices during key events in development and disease. The protein contains hyaluronic acid and glycosaminoglycan-binding domains, epidermal growth factor-like repeats, a lectin-like sequence and a complement regulatory protein-like domain. Splice variants differ greatly in length and degree of modification by glycosaminoglycan chains. Accumulation around smooth muscle cells in lesions of atherosclerosis, suggests a role for versican in atherogenesis. Versican, differentially expressed in human melanoma, plays a role in tumor development and may be a reliable marker for clinical identification. The organization of HA- and versican-rich pericellular matrices may facilitate migration and mitosis by diminishing cell surface adhesivity and affecting cell shape through steric exclusion and the viscous properties of HA proteoglycan gels. The human versican gene maps to chromosome 5q14.3.
Product Categories/Family for anti-VCAN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361116
NCBI GeneID	1462
NCBI Accession #	NP_004376.2
NCBI GenBank Nucleotide #	NM_004385.4
UniProt Accession #	P13611; P20754; Q13010; Q13189; Q15123; Q9UCL9; Q9UNW5
Molecular Weight	372,820 Da
NCBI Official Full Name	versican core protein isoform 1
NCBI Official Synonym Full Names	versican
NCBI Official Symbol	VCAN
NCBI Official Synonym Symbols	WGN; ERVR; GHAP; PG-M; WGN1; CSPG2
NCBI Protein Information	versican core protein; versican proteoglycan; large fibroblast proteoglycan; glial hyaluronate-binding protein; chondroitin sulfate proteoglycan 2; chondroitin sulfate proteoglycan core protein 2
UniProt Protein Name	Versican core protein
UniProt Gene Name	VCAN
UniProt Synonym Gene Names	CSPG2; Chondroitin sulfate proteoglycan 2; GHAP
UniProt Entry Name	CSPG2_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://stage.aaabiotech.com/monoclonal/versican-antibody-clone-jb42-32-western-blot-immunohistochemistry-elisa/312609>