Versican (VCAN) Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Versican (VCAN), Polyclonal Antibody
Full Product Name	Versican Polyclonal Antibody
Product Gene Name	anti-VCAN antibody
Clonality	Polyclonal
Molecular Weight	369,688 Da
OMIM	118661
3D Structure	ModBase 3D Structure for P13611
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-VCAN antibody	MBS8525855 is an antibody targeting VCAN. Also known as Versican Polyclonal Antibody.
Other Notes	Small volumes of anti-VCAN 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.

ADDITIONAL DETAILS

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

NCBI GI #	187607300
NCBI GeneID	1462
NCBI Accession #	NP_001119808.1
UniProt Primary Accession #	P13611
UniProt Secondary Accession #	P20754; Q13010; Q13189; Q15123; Q9UCL9; Q9UNW5
UniProt Related Accession #	P13611
GenBank Nucleotide #	NM_001126336.2
NCBI Official Full Name	versican core protein isoform 2
NCBI Official Synonym Full Names	versican
NCBI Official Symbol	VCAN
NCBI Official Synonym Symbols	WGN; ERVR; GHAP; PG-M; WGN1; CSPG2
UniProt Protein Name	Versican core protein
UniProt Synonym Protein Names	Chondroitin sulfate proteoglycan core protein 2; Chondroitin sulfate proteoglycan 2; Glial hyaluronate-binding protein; GHAP; Large fibroblast proteoglycan; PG-M
Protein Family	Versican core protein
UniProt Gene Name	VCAN
UniProt Synonym Gene Names	CSPG2; Chondroitin sulfate proteoglycan 2; GHAP
NCBI Protein Information	versican core protein

NCBI Summary for VCAN	This gene is a member of the aggrecan/versican proteoglycan family. The protein encoded is a large chondroitin sulfate proteoglycan and is a major component of the extracellular matrix. This protein is involved in cell adhesion, proliferation, proliferation, migration and angiogenesis and plays a central role in tissue morphogenesis and maintenance. Mutations in this gene are the cause of Wagner syndrome type 1. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]
UniProt Comments for VCAN	May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronic acid.
Research Articles on VCAN	**1.** miR-135a-5p can suppress cell progress including cell proliferation, migration, and invasion in thyroid carcinoma by targeting VCAN 3 '-UTR.
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