

ARG58522 anti-Versican antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Versican
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Versican
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence at the N-terminus of Human Versican (65-92aa KWSKIEVDKNGKDLKETTTLVAQNGNIK), different from the related Mouse and Rat sequences by two amino acids.
Conjugation	Un-conjugated
Alternate Names	CSPG2; Glial hyaluronate-binding protein; Chondroitin sulfate proteoglycan 2; WGN; WGN1; Versican core protein; PG-M; Large fibroblast proteoglycan; ERVR; GHAP; Chondroitin sulfate proteoglycan core protein 2

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: By heat mediation. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

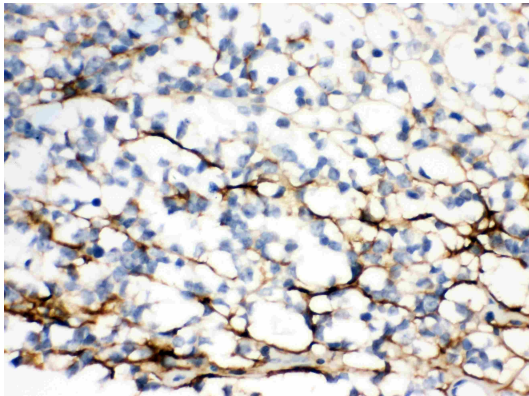
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	VCAN
Gene Full Name	versican
Background	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, 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]
Function	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. [UniProt]
Calculated Mw	373 kDa
PTM	Phosphorylated by FAM20C in the extracellular medium. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

Images



ARG58522 anti-Versican antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human glioma stained with ARG58522 anti-Versican antibody.