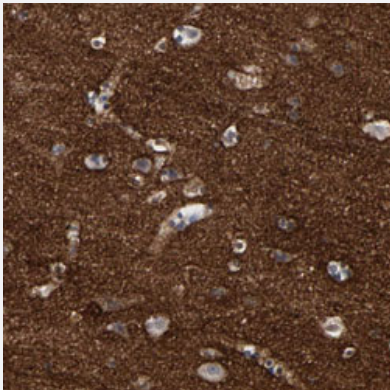


VCAN polyclonal antibody

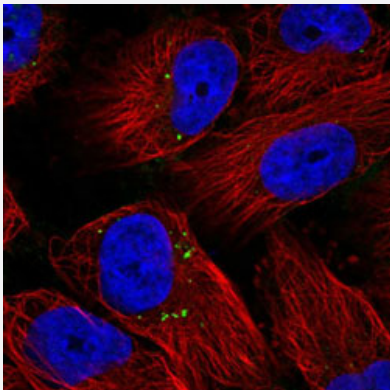
Catalog # PAB30700 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with VCAN polyclonal antibody (Cat # PAB30700) shows distinct positivity in neuropil.



Immunofluorescence

Immunofluorescent staining of U-251 MG with VCAN polyclonal antibody (Cat # PAB30700) (Green) shows positivity in vesicles.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human VCAN.
Immunogen	Recombinant protein corresponding to human VCAN.
Sequence	SLSGKVSLPCHFSTMP TLPPSYNTSEFLRIKWSKIEVDKNGKDLKETTVLVAQNGNIKGQDYKGR VSVPTHP EAVGDASLT VVKLLASDAGLYRCDVMYGIEDTQDTVSLTVDGVVFHYRAATSRYTLNF EAA
Host	Rabbit

Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1-4 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

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Gene Info — VCAN

Entrez GeneID	1462
Protein Accession#	P13611
Gene Name	VCAN
Gene Alias	CSPG2, DKFZp686K06110, ERVR, PG-M, WGN, WGN1
Gene Description	versican
Omim ID	118661 143200
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

Wagner syndrome (erosive vitreoretinopathy)|chondroitin sulfate proteoglycan 2 (versican)|versican proteoglycan

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Aortic Aneurysm](#)
- [Chorioamnionitis](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Intracranial Aneurysm](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)