

VCAN rabbit monoclonal antibody

Catalog # H00001462-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human VCAN peptide using ARM Technology.
Immunogen	A synthetic peptide of human VCAN is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human VCAN peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — VCAN

Entrez GeneID	1462
GeneBank Accession#	VCAN
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](#)