

DNAxPAb

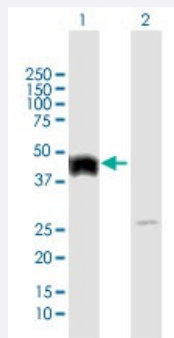
Hard-to-Find
Antibody

VCAN DNAxPab

Catalog # H00001462-W01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of VCAN expression in transfected 293T cell line by VCAN DNAxPab polyclonal antibody.

Lane 1: VCAN transfected lysate(57.86 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a partial-length human VCAN DNA using DNAx™ Immune technology.

Technology

[DNAx™ Immune](#)

Immunogen

VCAN (AAH50524.1, 21 a.a. ~ 354 a.a) partial-length human DNA

Sequence

LHKVKVGKSPVVRGSLSGKVS L PCH FST MPT LPPSYNTSEFLRIKWSKIEVDKNGKDLKETT VLV
AQNGNIKIGQDYKGRVSVPT HPEAVGDASLT VVKLLASDAGLYRCDVMYGIEDTQDTVSLTV DGV
VFHYRAATSRYTLNFEAAQKACLDVGAVIATPEQLFAAYEDGFEQCDAGWLADQTVRYPIRAPRV
GCYGDKMGKAGVRTYGF RSPQETYDVYCYVDHLDGDV FHLTVPSKFTFEEAAKECENQDARLA
TVGELQAAWRNGFDQCDY GWLSDASVRHPVTVARAQCGGGLLVRTL YRFENQTGFPPPSR
FDAYCFKRKCLIPF

Host

Rabbit

Reactivity

Human

Purification

Protein A

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of VCAN expression in transfected 293T cell line by VCAN DNAXPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — VCAN

Entrez GeneID[1462](#)**GeneBank Accession#**[BC050524.1](#)**Protein Accession#**[AAH50524.1](#)**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, 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](#)