

Versican Polyclonal Antibody

Catalog # AP73057

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | P13611 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 372820 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 1462 |
| Other Names | VCAN; CSPG2; Versican core protein; Chondroitin sulfate proteoglycan core protein 2; Chondroitin sulfate proteoglycan 2; Glial hyaluronate-binding protein; GHAP; Large fibroblast proteoglycan; PG-M |
| Dilution | WB~~1:1000 IHC-P~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

Protein Information

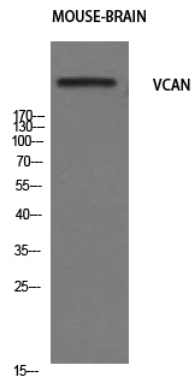
| | |
|--------------------------|---|
| Name | VCAN |
| Synonyms | CSPG2 |
| Function | May play a role in intercellular signaling and in connecting cells with the extracellular matrix. May take part in the regulation of cell motility, growth and differentiation. Binds hyaluronic acid. |
| Cellular Location | Secreted, extracellular space, extracellular matrix. Cell projection, cilium, photoreceptor outer segment. Secreted, extracellular space, extracellular matrix, interphotoreceptor matrix. Secreted |
| Tissue Location | Detected in placenta (at protein level) (PubMed:32337544). Detected in cerebrospinal fluid, fibroblasts and urine (at protein level) (PubMed:25326458, PubMed:36213313). Expressed in the retina (at protein level) (PubMed:29777959). Cerebral white matter and plasma (PubMed:2469524). Isoform V0: Expressed in normal brain, gliomas, medulloblastomas, schwannomas, neurofibromas, and meningiomas (PubMed:8627343). Isoform V1: Expressed in normal brain, gliomas, |

medulloblastomas, schwannomas, neurofibromas, and meningiomas (PubMed:8627343). Isoform V2: Restricted to normal brain and gliomas (PubMed:8627343). Isoform V3: Found in all these tissues except medulloblastomas (PubMed:8627343).

Background

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.

Images



Western Blot analysis of mouse-brain cells using Versican Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.