

# KD-Validated Anti-Versican Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1743

## Product Information

---

|                          |                                                                                                                                                                                                                                                       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, FC, ICC                                                                                                                                                                                                                                           |
| <b>Primary Accession</b> | <a href="#">P13611</a>                                                                                                                                                                                                                                |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                                                                                                                                     |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                            |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                                                                                                            |
| <b>Clone Names</b>       | 24GB2380                                                                                                                                                                                                                                              |
| <b>Calculated MW</b>     | 372820                                                                                                                                                                                                                                                |
| <b>Gene Name</b>         | VCAN                                                                                                                                                                                                                                                  |
| <b>Aliases</b>           | VCAN; Versican; PG-M; CSPG2; Chondroitin Sulfate Proteoglycan Core Protein; Chondroitin Sulfate Proteoglycan 2; Glial Hyaluronate-Binding Protein; Large Fibroblast Proteoglycan; Versican Proteoglycan; Versican Core Protein; GHAP; ERVR; WGN1; WGN |
| <b>Immunogen</b>         | A synthesized peptide derived from human Versican                                                                                                                                                                                                     |

## Additional Information

---

|                    |                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>     | 1462                                                                                                                                                                                                  |
| <b>Other Names</b> | Versican core protein, Chondroitin sulfate proteoglycan core protein 2, Chondroitin sulfate proteoglycan 2, Glial hyaluronate-binding protein, GHAP, Large fibroblast proteoglycan, PG-M, VCAN, CSPG2 |

## Protein Information

---

|                          |                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | VCAN                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>          | CSPG2                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Function</b>          | 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.                                                                                                                                                                                                  |
| <b>Cellular Location</b> | Secreted, extracellular space, extracellular matrix. Cell projection, cilium, photoreceptor outer segment. Secreted, extracellular space, extracellular matrix, interphotoreceptor matrix. Secreted                                                                                                                                                                                                     |
| <b>Tissue Location</b>   | 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).

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