

## Rabbit Versican Polyclonal Antibody | anti-Versican antibody

Versican Polyclonal Antibody

|                               |                       |                                        |                                           |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|
| CATALOG #<br><b>AAA179254</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------------|

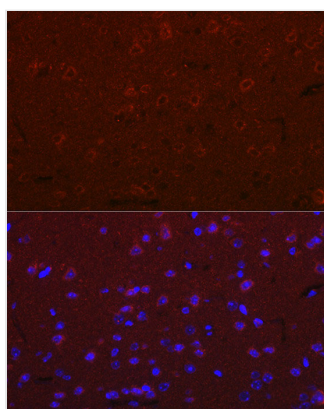
### PRODUCT SYNONYMS

Versican; Polyclonal Antibody; Versican Polyclonal Antibody; WGN; ERVR; GHAP; PG-M; WGN1; CSPG2; anti-Versican antibody

### PRODUCT SPECIFICATIONS

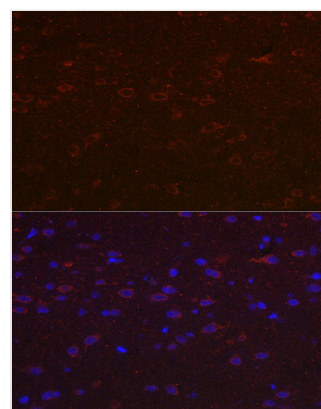
|                                                    |                                                           |
|----------------------------------------------------|-----------------------------------------------------------|
| Host                                               | Rabbit                                                    |
| Reactivity                                         | Human, Mouse, Rat                                         |
| Clonality                                          | Polyclonal                                                |
| Isotype                                            | IgG                                                       |
| Purity/Purification                                | Affinity purification                                     |
| Form/Format                                        | PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.          |
| Concentration                                      | 1mg/mL (varies by lot)                                    |
| Applicable Applications for anti-Versican antibody | IF (Immunofluorescence)                                   |
| Immunogen                                          | Recombinant fusion protein of human Versican              |
| Research Area                                      | Cancer, Signal Transduction                               |
| Preparation and Storage                            | Storage: -20 degree C/One year. Avoid freeze/thaw cycles. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence analysis of mouse brain cells using Versican Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



#### IF (Immunofluorescence)

Immunofluorescence analysis of rat brain cells using Versican Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-Versican antibody | This gene is member of the aggrecan/versican proteoglycan family. The protein encoded is large chondroitin sulfate proteoglycan and is 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. |
| Product Categories/Family for anti-Versican antibody   | Antibodies; Primary Antibodies; Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 21361116                                                                                                                                                                                            |
| NCBI GeneID                      | 1462                                                                                                                                                                                                |
| NCBI Accession #                 | NP_004376.2                                                                                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_004385.4                                                                                                                                                                                         |
| UniProt Accession #              | P13611; P20754; Q13010; Q13189; Q15123; Q9UCL9; Q9UNW5                                                                                                                                              |
| Molecular Weight                 | 372,820 Da                                                                                                                                                                                          |
| NCBI Official Full Name          | versican core protein isoform 1                                                                                                                                                                     |
| NCBI Official Synonym Full Names | versican                                                                                                                                                                                            |
| NCBI Official Symbol             | VCAN                                                                                                                                                                                                |
| NCBI Official Synonym Symbols    | WGN; ERVR; GHAP; PG-M; WGN1; CSPG2                                                                                                                                                                  |
| NCBI Protein Information         | versican core protein; versican proteoglycan; large fibroblast proteoglycan; glial hyaluronate-binding protein; chondroitin sulfate proteoglycan 2; chondroitin sulfate proteoglycan core protein 2 |
| UniProt Protein Name             | Versican core protein                                                                                                                                                                               |
| UniProt Gene Name                | VCAN                                                                                                                                                                                                |
| UniProt Synonym Gene Names       | CSPG2; Chondroitin sulfate proteoglycan 2; GHAP                                                                                                                                                     |
| UniProt Entry Name               | CSPG2_HUMAN                                                                                                                                                                                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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