

AB-NN360-1

Versican Antibody

Pan-specific monoclonal antibody (S351-23) for monitoring the expression of mouse Versican



KINEXUS

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Target Protein

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| Name Long: | Versican core protein |
| Alias: | Chondroitin sulfate proteoglycan 2, CSPG2, ERVR, GHAP, PG-M, VCAN, Chondroitin sulfate proteoglycan 2, Chondroitin sulfate proteoglycan core protein 2, Glial hyaluronate binding protein, Glial hyaluronate-binding protein, Large fibroblast proteoglycan, Large fibroblast proteoglycan, PGM, V1 Neo, Versican core protein, Versican proteoglycan, Versican V0, WGN 1, WGN, WGN1 |
| UniProt ID: | Q62059 - Mouse |
| Human Predicted Mass (KDa): | 372.820 (3396 AA; A0A024RAQ9-1) |
| Observed SDS-PAGE Mass (KDa): | >350 |

Immunogen

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| Antibody Immunogen Source: | Fusion protein amino acids 362-585 (glycosaminoglycan alpha domain) of mouse Versican core protein |
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Production

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| Antibody Host Species: | Mouse |
| Antibody Type: | Monoclonal |
| Antibody Ig Isotype Clone Lot: | IgG1 |
| Antibody Purification: | Protein G purified |
| Amount: | 25 µg |
| Antibody Concentration: | 1 mg/ml |
| Lot Number: | 15DE1 |
| Storage Buffer: | Phosphate buffered saline pH 7.4, 50% glycerol, 0.1% sodium azide |
| Storage Conditions and Stability: | For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. |

Applications

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| Product Use: | WB ICC/IF |
| Antibody Dilution Recommended: | WB (1:1000); optimal dilutions for assays should be determined by the user. |
| Antibody Species Reactivity: | Mouse Rat |
| Antibody Positive Control: | 1 µg/ml of SMC-439 was sufficient for detection of Versican in 20 µg of mouse brain membrane lysate and assayed by colorimetric immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody. |
| Target Detection Immunoblotting: | In mouse brain lysates, this antibody detects a >350 kDa protein. |
| Antibody Specificity: | Very High |

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987