

## CSPG4 polyclonal antibody (Biotin)

Catalog # PAB27961

Size 50 ug

### Specification

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Chicken polyclonal antibody against synthetic peptide of CSPG4.                                                        |
| <b>Immunogen</b>           | A Synthetic peptide corresponding to amino acids of CSPG4                                                              |
| <b>Sequence</b>            | FTQADVDSGR                                                                                                             |
| <b>Host</b>                | Chicken                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                  |
| <b>Form</b>                | Liquid                                                                                                                 |
| <b>Conjugation</b>         | Biotin                                                                                                                 |
| <b>Purification</b>        | Antigen affinity purification                                                                                          |
| <b>Concentration</b>       | 1 mg/mL                                                                                                                |
| <b>Isotype</b>             | IgY                                                                                                                    |
| <b>Storage Buffer</b>      | In Phosphate-Buffered Saline with 0.02% Sodium Azide.                                                                  |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage, aliquot and store at -20°C. Avoid repeated freezing and thawing cycles.           |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

### Applications

- Immuno-MRM (multiple reaction monitoring)

### Gene Info — CSPG4

|                    |                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">1464</a>                                                                                                                                                                                                                                                                                                                             |
| Gene Name          | CSPG4                                                                                                                                                                                                                                                                                                                                            |
| Gene Alias         | HMW-MAA, MCSP, MCSPG, MEL-CSPG, MSK16, NG2                                                                                                                                                                                                                                                                                                       |
| Gene Description   | chondroitin sulfate proteoglycan 4                                                                                                                                                                                                                                                                                                               |
| Omim ID            | <a href="#">601172</a>                                                                                                                                                                                                                                                                                                                           |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                        |
| Gene Summary       | A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells. [provided by RefSeq] |
| Other Designations | chondroitin sulfate proteoglycan 4 (melanoma-associated) melanoma-associated chondroitin sulfate proteoglycan                                                                                                                                                                                                                                    |

## Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)
- [Tobacco Use Disorder](#)