

## Rabbit CSPG4 Polyclonal Antibody | anti-CSPG4 antibody

CSPG4 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA302988</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

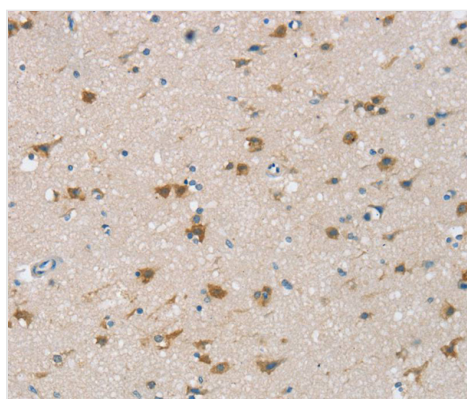
### PRODUCT SYNONYMS

CSPG4; Polyclonal Antibody; CSPG4 Antibody; NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG; anti-CSPG4 antibody

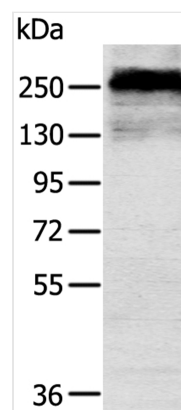
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                                                           |
| Clonality                                       | Polyclonal                                                                                                  |
| Specificity                                     | The antibody detects endogenous levels of total CSPG4 protein.                                              |
| Purity/Purification                             | Antigen affinity purification.                                                                              |
| Form/Format                                     | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                                             |
| Concentration                                   | 1.6 mg/ml (varies by lot)                                                                                   |
| Sequence Length                                 | 2322                                                                                                        |
| Applicable Applications for anti-CSPG4 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                               |
| Immunogen Type                                  | Peptide                                                                                                     |
| Immunogen Description                           | Synthetic peptide corresponding to residues near the C terminal of human chondroitin sulfate proteoglycan 4 |
| Target Name                                     | CSPG4                                                                                                       |
| Preparation and Storage                         | Store at -20 degree C                                                                                       |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/25.


**Application Data**

Gel: 6%SDS-PAGE Lysate: 40ug Mouse skin tissuePrimary antibody: 1/200 dilution  
Secondary antibody dilution: 1/8000Exposure time: 1 minute

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CSPG4 antibody | 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. |
| Product Categories/Family for anti-CSPG4 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 47419930                                   |
| NCBI GeneID                      | 1464                                       |
| NCBI Accession #                 | NP_001888.2                                |
| NCBI GenBank Nucleotide #        | NM_001897.4                                |
| UniProt Accession #              | Q6UVK1; Q92675; D3DW77                     |
| Molecular Weight                 | SDS-PAGE MW: 251 KD                        |
| NCBI Official Full Name          | chondroitin sulfate proteoglycan 4         |
| NCBI Official Synonym Full Names | chondroitin sulfate proteoglycan 4         |
| NCBI Official Symbol             | CSPG4                                      |
| NCBI Official Synonym Symbols    | NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG |
| NCBI Protein Information         | chondroitin sulfate proteoglycan 4         |
| UniProt Protein Name             | Chondroitin sulfate proteoglycan 4         |
| UniProt Gene Name                | CSPG4                                      |
| UniProt Synonym Gene Names       | MCSP                                       |
| UniProt Entry Name               | CSPG4_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cspg4-antibody-immunohistochemistry-western-blot-elisa/302988>