

NG2/CSPG4 Rabbit Polyclonal Antibody

Catalog #: EAB13528

| Host/Isotype | Clonality | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------|----------|-------------------|
| Rabbit IgG | Polyclonal | WB, IF | 251 | Human, Mouse, Rat |

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| | |
|------------------------|------------|
| WB(Western Blotting) | 1:500-2000 |
| IF(Immunofluorescence) | 1:50-300 |

Product Information

| | |
|----------------|---|
| Conjugate | Unconjugate |
| Specificity | NG2/CSPG4 Rabbit Polyclonal Antibody detects endogenous levels of NG2/CSPG4 protein. |
| Purification | Affinity purification |
| Concentration | 1mg/ml |
| Format | Liquid |
| Formulation | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol. |
| Shipping | Gel Pack |
| Storage | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks. |
| UniProt ID | Q6UVK1 |
| Entrez-Gene ID | 1464 |

Product Description

NG2 (also known as melanoma-associated chondroitin sulfate proteoglycan 4, MCSP, MCSPG, MSK16 and MEL-CSPG) stabilizes cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. NG2 may facilitate primary melanoma progression by enhancing the activation of key signaling pathways important for tumor invasion and growth. NG2 is present on smooth muscle cells. NG2 is a novel marker for epidermal stem cells that contributes to their patterned distribution by promoting stem cell clustering.

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