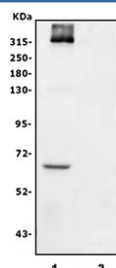


CSPG4 Antibody / NG2 (RQ6252)

Catalog No.	Formulation	Size
RQ6252	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6UVK1
Applications	Western Blot : 1-2ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This CSPG4 antibody is available for research use only.



Western blot testing of human 1) A375 and 2) MCF7 cell lysate with CSPG4 antibody. Predicted molecular weight ~251 kDa but may be seen at higher molecular weights due to glycosylation.

Description

Chondroitin sulfate proteoglycan 4, also known as melanoma-associated chondroitin sulfate proteoglycan (MCSP) or neuron-gial antigen 2 (NG2), is a chondroitin sulfate proteoglycan that in humans is encoded by the CSPG4 gene. CSPG4 plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. It represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells.

Application Notes

Optimal dilution of the CSPG4 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids N962-D1194) was used as the immunogen for the CSPG4 antibody.

Storage

After reconstitution, the CSPG4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.