

Anti-CSPG4 antibody (1950-2210) (STJ11104564)

STJ11104564

GENERAL INFORMATION

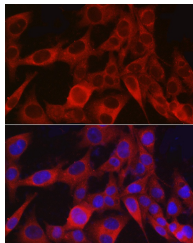
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

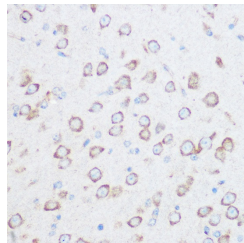
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:2000-1:7000
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

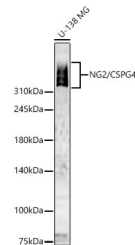
Gene ID	1464
Gene Symbol	CSPG4
Uniprot ID	CSPG4_HUMAN
Immunogen	1950-2210
Region	
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1950-2210 of human NG2/CSPG4 (NP_001888.2).
Immunogen Sequence	LEV PQALGRSSL SQQLRVV SDREEPEAA YRLIQGPQYGH LLVGG RPTSAFSQFQIDQGE VVFAFTNFSSSHDHFRVLAL ARGVNASAVVNVTVRALLHV WAGGPWPQGATLR LDP TVLD AGELANRTGSVPRFRLLGEP RHGRVVRVPRARTEPGGSQ L VEQFTQQDLEDGRLGLEVGR PEGRAPGPAGDSLTLLELW AQ GVPPAVASLDFATEPYNAAR PYSVALLSVPEARTEAGK



Immunofluorescence analysis of A-375 cells using NG2/CSPG4 Rabbit polyclonal antibody (STJ11104564) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of NG2/CSPG4 in paraffin-embedded mouse brain using NG2/CSPG4 Rabbit polyclonal antibody (STJ11104564) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from U-138 MG cells, using NG2/CSPG4 Rabbit polyclonal antibody (STJ11104564) at 1:6000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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