

Anti-CSPG4 antibody (1340-1563) [S4180RM] (STJ11104180)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

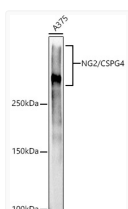
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA: Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 251kDa Observed Mw: 250-450kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	1464
Gene Symbol	CSPG4
UniProt ID	CSPG4_HUMAN
Immunogen Region	1340-1563
Immunogen Sequence	LGAPLEGVLVEVLPAAIPL LEAQNFSVPEGGSLTAPPL LRVSGPYFPTLLGLSLQVLE PQHGALQKEDGPQARTLSA FSWRMVEEQILIRYVHDGSET LTDSFVLMANASEMDRQSH VAFTVTLPVNDQPPILTTN TGLQMWEGATAPIPAEALRS TDGDSGSEDLVYTIEQPSNG RVVLRGAPGTEVRSFTQAQL DGGVLVFSHRGTLDDGGFRFR LSDG
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1340-1563 of human NG2/CSPG4 (NP_001888.2).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Western blot analysis of A375, using NG2/CSPG4 antibody (STJ11104180) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.