

Datasheet for ABIN601027

anti-CSPG5 antibody (Extracellular Domain)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CSPG5
Binding Specificity:	Extracellular Domain
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This CSPG5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	CHO cell-derived rhNeuroglycan C extracellular domain.
Isotype:	IgG
Specificity:	Recognizes human Neuroglycan C. Shows approximately 50 % cross-reactivity with recombinant mouse Neuroglycan C in direct ELISA.
Purification:	Immunoaffinity purified
Sterility:	Sterile filtered

Target Details

Target:	CSPG5
Alternative Name:	CSPG5 / Neuroglycan C (CSPG5 Products)

Target Details

Background:	Name/Gene ID: CSPG5
	Synonyms: CSPG5, CALEB, Neuroglycan C, NGC
Gene ID:	10675
UniProt:	O95196
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Approved: ELISA (0.5 - 1 µg/mL), ICC (10 µg/mL), WB (1 µg/mL)
	Usage: Applications: Suitable for use in ELISA, Immunocytochemistry and Western Blot. Other Applications not tested. Recommended Dilution: Direct ELISA: 0.5-1 µg/mL. The detection limit for recombinant human Neuroglycan C is approximately 0.3 ng/well. Western Blot: 1 µg/mL. Immunocytochemistry: 10 µg/mL was used to detect Neuroglycan C in sections of adult mouse cerebellum. Cells were fixed with PBS containing 4 % paraformaldehyde for 20 minutes at room temperature and blocked with PBS containing 10 % normal donkey serum, 0.1 % Triton X-100, and 1 % BSA for 45 minutes at RT. After blocking, cells were incubated with diluted LS-C123249 for 3 hours at RT followed by Northern Lights 557 donkey anti-sheep IgG at RT for 1 hour. Between each step, cells were washed with PBS containing 0.1 % BSA. Optimal dilutions to be determined by the researcher
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile 40-50 % glycerol.
Concentration:	Lot specific
Buffer:	Lyophilized from a 0.2 µm sterile-filtered solution in PBS, 5 % trehalose
Handling Advice:	Avoid repeated freezing and thawing
Storage:	4 °C, -20 °C
Storage Comment:	May be stored at 4°C for short-term only. For long-term storage and to avoid freeze-thaw

cycles, add sterile 40-50% glycerol, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C.