

Datasheet for ABIN601028
anti-CSPG5 antibody (AA 31-420)



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Overview

Quantity:	100 µg
Target:	CSPG5
Binding Specificity:	AA 31-420
Reactivity:	Rat, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CSPG5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified, CHO cell-derived, recombinant mouse Neuroglycan C (rmNeuroglycan C, aa 31-420, Accession# AAH55736).
Isotype:	IgG
Specificity:	Recognizes Neuroglycan C, extracellular domain. In direct ELISA, this antibody shows 25 % cross-reactivity with rhNeuroglycan C. Species cross-reactivity: Mouse, rat.
Purification:	Affinity purified
Sterility:	Sterile filtered

Target Details

Target:	CSPG5
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Target Details

Alternative Name:	CSPG5 / Neuroglycan C (CSPG5 Products)
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), IHC (10 µg/mL), WB (1 µg/mL) Usage: Suitable for Immunohistochemistry ELISA and Western Blot. ELISA: 0.5-1 µg/mL. Western Blot: 1 µg/mL. Immunohistochemistry: 10 µg/mL detects Neuroglycan C in sections of adult mouse cerebellum. Cells were fixed with PBS containing 4 % paraformaldehyde for 20 minutes at RT 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 primary antibody for 3 hours at RT followed by donkey anti-goat IgG at RT for 1 hour. Between each step, cells were washed with PBS containing 0.1 % BSA.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile PBS
Concentration:	Lot specific
Buffer:	Lyophilized from a 0.2 um sterile-filtered solution in PBS, 5 % trehalose
Storage:	4 °C,-20 °C
Storage Comment:	Lyophilized powder may be stored at 4°C for short-term only. Reconstituted product is stable for 1 year at -20°C.