10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BCAN Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5915b

Product Information

Application	WB, IHC-P, FC, E
Primary Accession	Q96GW7
Other Accession	Q28062, NP_940819.1, NP_068767.3
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24968
Calculated MW	99118
Antigen Region	715-741

Additional Information

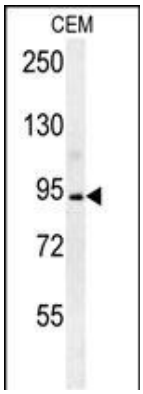
Gene ID	63827
Other Names	Brevican core protein, Brain-enriched hyaluronan-binding protein, BEHAB, Chondroitin sulfate proteoglycan 7, BCAN, BEHAB, CSPG7
Target/Specificity	This BCAN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 715-741 amino acids from the C-terminal region of human BCAN.
Dilution	WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	BCAN Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

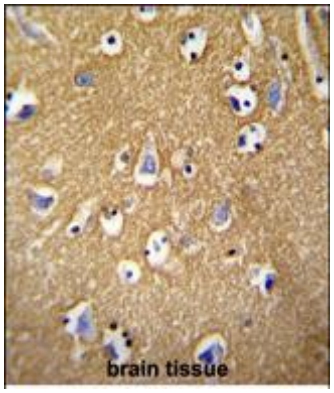
Name	BCAN
Synonyms	BEHAB, CSPG7

Function	May play a role in the terminally differentiating and the adult nervous system during postnatal development. Could stabilize interactions between hyaluronan (HA) and brain proteoglycans.
Cellular Location	Secreted [Isoform 2]: Membrane; Lipid-anchor, GPI-anchor.
Tissue Location	Expressed in the retina, specifically in the inner nuclear layer, inner plexiform layer and ganglion cell layer (at protein level) (PubMed:29777959). Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Detected in urine (at protein level) (PubMed:37453717).

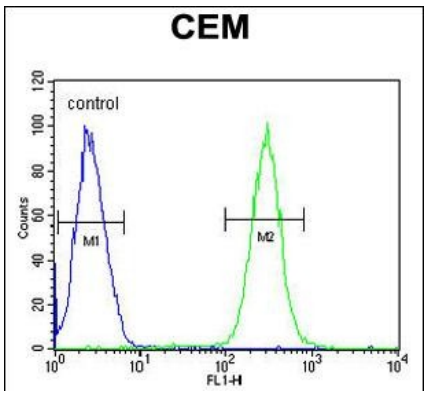
Images



BCAN Antibody (C-term) (Cat. #AP5915b) western blot analysis in CEM cell line lysates (35ug/lane).This demonstrates the BCAN antibody detected the BCAN protein (arrow).



BCAN antibody (C-term) (Cat. #AP5915b) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of the BCAN antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



BCAN Antibody (C-term) (Cat. #AP5915b) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.