

For Research Use Only

BCAN Recombinant antibody

Catalog Number: 82956-1-RR



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
82956-1-RR	BC010571	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 700 µg/ml by Nanodrop;	63827	230126D6
Source:	UNIPROT ID:	
Rabbit	Q96GW7	
Isotype:	Full Name:	
IgG	brevican	
Immunogen Catalog Number:	Calculated MW:	
AG13596	99 kDa	

Applications

Tested Applications:
FC (Intra), ELISA
Species Specificity:
human

Background Information

Brevican is a brain-specific proteoglycan belonging to the aggrecan family that share a number of structural features. Brevican contains a hyaluronic acid-binding domain in its N-terminus and a lectin-like domain in its C-terminus. Expression of brevican is highly specific in the brain and increases as the brain develops. It may play a role in maintaining the extracellular environment of mature brain as a major constituent of the adult brain extracellular matrix (PMID:9117262). Brevican core protein exists as a 145 kDa full-length form and a 80 kDa N terminally truncated form (PMID: 8144512). This antibody can recognize the 72 kDa isoform of target.

Storage

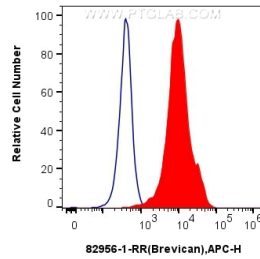
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1×10^6 SH-SY5Y cells were intracellularly stained with 0.25 μ g Anti-Human BCAN (82956-1-RR, Clone:230126D6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).