

For Research Use Only

BCAN Recombinant antibody, PBS Only

Catalog Number: 82956-1-PBS



Basic Information

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

Applications

Tested Applications:
FC (Intra), Indirect 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 -80°C.

Storage Buffer:
PBS Only

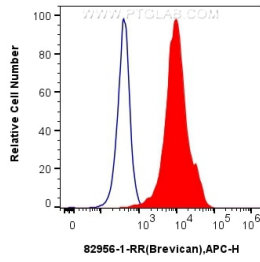
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ SH-SY5Y cells were intracellularly stained with 0.25 ug 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 ug 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). This data was developed using the same antibody clone with 82956-1-PBS in a different storage

