

For Research Use Only

# BCAN Recombinant antibody, PBS Only

Catalog Number: 82956-1-PBS



## Basic Information

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

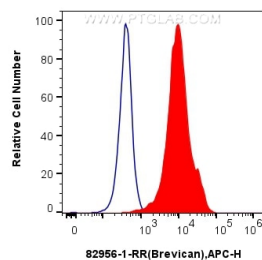
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



1x10<sup>6</sup> 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

