

For Research Use Only

# BCAN Recombinant antibody

Catalog Number: 82956-1-RR



## Basic Information

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

## Applications

**Tested Applications:**  
FC, 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

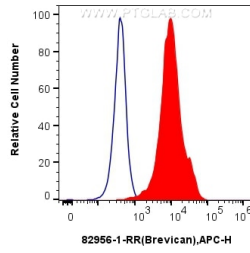
For technical support and original validation data for this product please contact:

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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).