

Datasheet for ABIN6137473  
**anti-BCAN antibody (AA 762-911)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µL
Target:	BCAN
Binding Specificity:	AA 762-911
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCAN antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 762-911 of human BCAN (NP_068767.3).
Sequence:	VPLLYENWNP GQPDSYFLSG ENCVVMVWHD QGQWSDVPCN YHLSYTCKMG LVSCGPPPEL PLAQVFGRPR LRYEVDTVLR YRCREGLAQR NLPLIRCQEN GRWEAPQISC VPRRPARALH PEEDPEGRQG RLLGRWKALL IPPSSPMPGP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	BCAN
Alternative Name:	BCAN ( <a href="#">BCAN Products</a> )
Background:	<p>This gene encodes a member of the lectican family of chondroitin sulfate proteoglycans that is specifically expressed in the central nervous system. This protein is developmentally regulated and may function in the formation of the brain extracellular matrix. This protein is highly expressed in gliomas and may promote the growth and cell motility of brain tumor cells.</p> <p>Alternate splicing results in multiple transcript variants.,BCAN,BEHAB,CSPG7,brevican,Signal Transduction,Cell Biology &amp; Developmental Biology,Cell Adhesion,Cytoskeleton,Extracellular Matrix,Neuroscience,Neurodegenerative Diseases,Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease,BCAN</p>
Molecular Weight:	71 kDa/99 kDa
Gene ID:	63827
UniProt:	<a href="#">Q96GW7</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

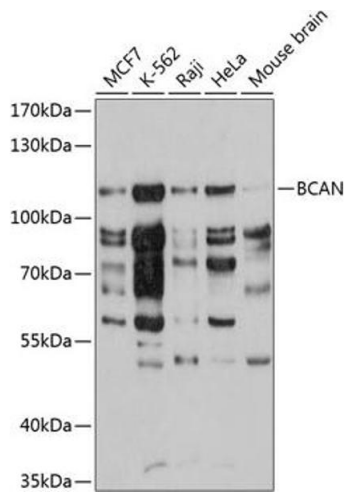
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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using BCAN antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.