

Datasheet for ABIN2784779
anti-RCAN2 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	RCAN2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RCAN2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RCAN2
Sequence:	LHETQFRGKK LKLYFAQVQT PETDGD KLHL APPQPAKQFL ISPPSSPPVG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RCAN2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RCAN2
Alternative Name:	RCAN2 (RCAN2 Products)

Target Details

Background: RCAN2 inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A. RCAN2 could play a role during central nervous system development.
Alias Symbols: CSP2, DSCR1L1, MCIP2, RCN2, ZAKI-4, ZAKI4, hRCN2
Protein Interaction Partner: TCEB1, PPP3CA,
Protein Size: 197

Molecular Weight: 22 kDa

Gene ID: 10231

NCBI Accession: [NM_005822](#), [NP_005813](#)

UniProt: [Q14206](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 197 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

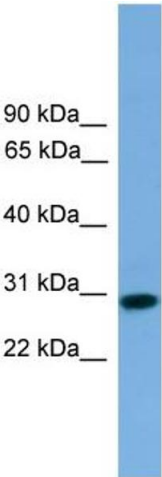
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

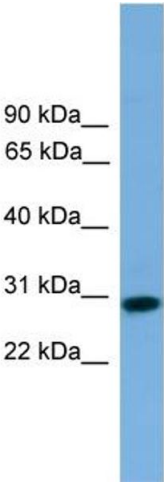
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-RCAN2 Antibody Titration:
0.2-1 ug/ml

Positive Control: THP-1 cell lysate



Rabbit Anti-RCAN2 Antibody
Catalog Number: ARP52109
Lot Number: QC28816
Lane: THP-1 Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-RCAN2
Antibody Titration: 0.2-1 µg/mL
Positive Control: THP-1 cell lysate