

Datasheet for ABIN2789815
anti-RCN1 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	RCN1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RCN1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	QAEARHLVYE SDKNKDEKLT KEEILENWNM FVGSQATNYG EDLTKNHDEL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against RCN1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	RCN1
Alternative Name:	RCN1 (RCN1 Products)
Background:	Reticulocalbin 1 is a calcium-binding protein located in the lumen of the ER. The protein

Target Details

contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. High conservation of amino acid residues outside of these motifs, in comparison to mouse reticulocalbin, is consistent with a possible biochemical function besides that of calcium binding. In human endothelial and prostate cancer cell lines this protein localizes to the plasma membrane.

Alias Symbols: FLJ37041, PIG20, RCAL, RCN

Protein Interaction Partner: PCSK9, CEP76, HAUS2, CEP250, IRS4, UBC, NEDD8, SUZ12, RNF2, BMI1, EFHD2, CHMP4A, GLRX3, GMPS, TSTA3, IDH1, ENO2, DYRK4, HIPK4, HDAC11, CFTR, ASB8, gag-pol, NOS2, MYC, ILF3, ILF2, TUBA1B, ZYX, SULT1A1, NCL, TOM1L2, SRXN1, LTV1, PPIL3, UFM1, C11orf58, SEC23

Protein Size: 331

Molecular Weight: 39 kDa

Gene ID: 5954

NCBI Accession: [NM_002901](#), [NP_002892](#)

UniProt: [Q15293](#)

Application Details

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

Comment: Antigen size: 331 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

Handling

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.

Images

