

Rabbit RCN1 Polyclonal Antibody | anti-RCN1 antibody

RCN1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201283	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

PRODUCT SYNONYMS

RCN1; Polyclonal Antibody; RCN1 antibody - C-terminal region; anti-RCN1 antibody

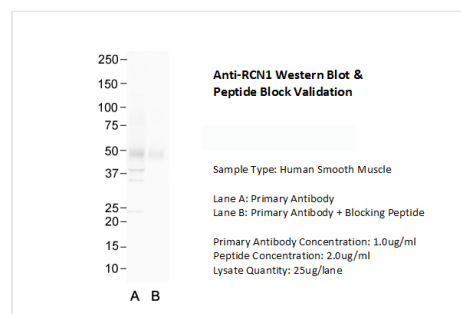
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: QAEARHLVYESDKNKDEKLTKEILENWNMFVGSQATNYGEDLTKNHDEL
Sequence Length	331
Applicable Applications for anti-RCN1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%; Zebrafish: 86%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-RCN1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Heart


WB (Western Blot)

Host: Rabbit Target Name: RCN1 Sample Type: Human Smooth Muscle
Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide
Primary Antibody Concentration: 1.0 ug/ml
Peptide Concentration: 2.0 ug/ml
Lysate Quantity: 25 ug/lane

ADDITIONAL INFORMATION

Related Product Information for anti-RCN1 antibody	This is a rabbit polyclonal antibody against RCN1. It was validated on Western Blot Target Description: Reticulocalbin 1 is a calcium-binding protein located in the lumen of the ER. The protein 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.
Product Categories/Family for anti-RCN1 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506455
NCBI GeneID	5954
NCBI Accession #	NP_002892
NCBI GenBank Nucleotide #	NM_002901
UniProt Accession #	Q15293
Molecular Weight	39kDa
NCBI Official Full Name	reticulocalbin-1
NCBI Official Synonym Full Names	reticulocalbin 1
NCBI Official Symbol	RCN1
NCBI Official Synonym Symbols	RCN; RCAL; PIG20; HEL-S-84
NCBI Protein Information	reticulocalbin-1
UniProt Protein Name	Reticulocalbin-1
UniProt Gene Name	RCN1
UniProt Synonym Gene Names	RCN
UniProt Entry Name	RCN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.