

RCN1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16754b**Specification**

RCN1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q15293](#)**RCN1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 5954**Other Names**

Reticulocalbin-1, RCN1, RCN

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RCN1 Antibody (C-term) Blocking Peptide - Protein Information**Name** RCN1**Synonyms** RCN**Function**

May regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment.

Cellular Location

Endoplasmic reticulum lumen.

RCN1 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RCN1 Antibody (C-term) Blocking Peptide - Images**RCN1 Antibody (C-term) Blocking Peptide - Background**

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.

RCN1 Antibody (C-term) Blocking Peptide - References

Favor, J., et al. Genetics 182(4):1077-1088(2009) Hansen, G.A., et al. Mol. Cell. Biochem. 320 (1-2), 25-33 (2009) :Cooper, C.R., et al. J. Cell. Biochem. 104(6):2298-2309(2008) Lim, J., et al. Cell 125(4):801-814(2006) Taylor, T.D., et al. Nature 440(7083):497-500(2006)