

## RCN1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:1000 - 1:2000

**Calculated MW:**39kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human RCN1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

RCN; RCAL; PIG20; HEL-S-84;

**Catalog #:**A10572

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5954

**Isotype:**IgG

**Swiss Prot:**Q15293

**Purity:**Affinity purification

For research use only.

**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.

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