

## Product datasheet for **TA358693**

### RCN1 Rabbit Polyclonal Antibody

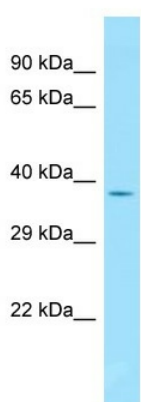
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%; Zebrafish: 86%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	39kDa
Gene Name:	reticulocalbin 1
Database Link:	<a href="#">NP_002892</a> <a href="#">Entrez Gene 5954 Human</a> <a href="#">Q15293</a>
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.
Synonyms:	FLJ37041; PIG20; Rcal; RCN

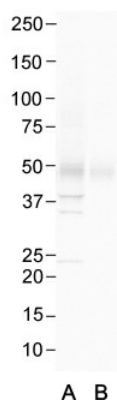


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## Product images:



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



### Anti-RCN1 Western Blot & Peptide Block Validation

Lot Number: QC35014

Sample Type: Human Smooth Muscle

Lane A: Primary Antibody

Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 1.0ug/ml

Peptide Concentration: 2.0ug/ml

Lysate Quantity: 25ug/lane

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