

## RCN2

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF IP

**Recommended Dilution:** WB 1:200 - 1:500 IHC 1:50 - 1:100 IF 1:20 - 1:50 IP 1:20 - 1:50

**Calculated MW:** 37kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human RCN2

**Storage Buffer:**

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

**Synonym:**

E6BP; ERC-55; ERC55; TCBP49;

**Catalog #:** A2484

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5955

**Isotype:** IgG

**Swiss Prot:** Q14257

**Purity:** Affinity purification

For research use only.

**Background:**

Reticulocalbin 2 (RCN2) is a Ca(2+)-binding protein that is specifically localized in the endoplasmic reticulum (ER). It is also termed ERC-55, i.e. ER calcium-binding protein of 55 kDa. It is a single copy gene and is encoded by an approximately 1900-base mRNA, which shows a ubiquitous expression pattern. The protein comprises an amino-terminal signal sequence followed by six copies of the EF-hand Ca<sup>2+</sup> binding motif.

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