



Catalog: OM105145

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# Rabbit anti-CALR polyclonal antibody - C-terminal region

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☐ 100ug

## Product profile

Product name	Rabbit anti-CALR polyclonal antibody - C-terminal region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-CALR antibody: synthetic peptide directed towards the C terminal of human CALR

## Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB
Species Reactivity	Human Mouse Pig Rabbit Rat Zebra Fish
Concentration	1 mg/ml
Purification	Affinity purified

## Target Information

Gene Symbol	CALR
Gene Synonyms	RO; CRT; SSA; cC1qR
Gene Full Name	Calreticulin
Gene Summary	Calreticulin is a multifunctional protein that acts as a major $\text{Ca}^{2+}$ -binding (storage) protein in the lumen of the endoplasmic reticulum. It is also found in the nucleus, suggesting that it may have a role in transcription regulation. Calreticulin binds to the synthetic peptide KLGFFKR, which is almost identical to an amino acid sequence in the DNA-binding domain of the superfamily of nuclear receptors. Calreticulin binds to antibodies in certain sera of systemic lupus and Sjogren patients which contain anti-Ro/SSA antibodies, it is highly conserved among species, and it is located in the endoplasmic and sarcoplasmic reticulum where it may bind calcium.

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Alternative Names	RO, CRT, SSA, cC1qR
Molecular Weight(MW)	48kDa
Sequence	417 amino acids

## Database Links

Entrez Gene	811
SwissProt ID	P27797
Protein Accession	NP_004334

## Application

Application Notes	<p><b>WB:</b>1:500~1:2000</p> <p><b>Notes:</b>Optimal dilutions/concentrations should be determined by the researcher.</p>
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## Additional Information

Form	Liquid
Storage Instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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