

Reticulocalbin 2 (RCN2) Antibody

Catalogue No.: abx145146

Reticulocalbin 2 (RCN2) Antibody is a Rabbit Polyclonal against Reticulocalbin 2 (RCN2). The protein encoded by this gene 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. This gene maps to the same region as type 4 Bardet-Biedl syndrome, suggesting a possible causative role for this gene in the disorder. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Target:	Reticulocalbin 2 (RCN2)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Rabbit
Recommended dilutions:	ELISA: 1/20000 - 1/80000, WB: 1/500 - 1/2000, IHC: 1/100 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fragment corresponding to 45-215 AA of human RCN2.
Isotype:	IgG
Form:	Lyophilized
Purification:	Purified by antigen affinity column chromatography.
Reconstitution:	Reconstitute in 100 µl of sterile distilled H ₂ O with 50% glycerol.
Storage:	Store at -20 °C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q14257 (UniProt , ExPASy)
Gene Symbol:	RCN2
GeneID:	5955
OMIM:	602584

Datasheet

Version: 2.0.0
Revision date: 01 Sep 2025



NCBI Accession:	NP_001258766.1, NM_001271837.1, NP_002893.1, NM_002902.2
HGNC:	9935
KEGG:	hsa:5955
Ensembl:	ENSG00000117906
String:	9606.ENSP00000319739
Molecular Weight:	Observed MW: 37 kDa
Buffer:	Prior to lyophilization: 1% BSA and 0.02% NaN ₃ .
Specificity:	Predicted to react with Mouse and Rat RCN2.
Concentration:	Lyophilized form: Not applicable. After reconstitution: 1 mg/ml.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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