

Rabbit RCN3 Polyclonal Antibody | anti-RCN3 antibody

RCN3 Antibody (Center)

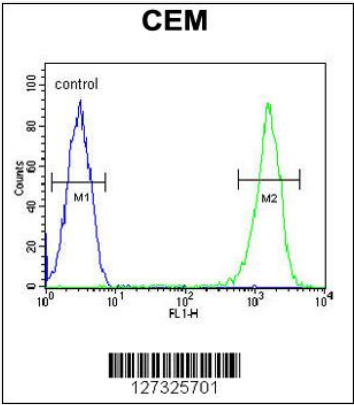
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289307	Rabbit	Human, mouse (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

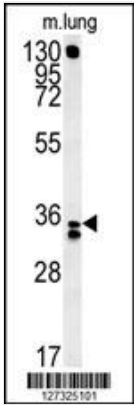
RCN3; Polyclonal Antibody; RCN3 Antibody (Center); Reticulocalbin-3; EF-hand calcium-binding protein RLP49; anti-RCN3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RCN3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-163 amino acids from the Central region of human RCN3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	134-163
Sequence Length	328
Applicable Applications for anti-RCN3 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
RCN3 Antibody (Center) flow cytometric analysis of CEM cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
RCN3 Antibody (Center) western blot analysis in mouse lung tissue lysates (15ug/lane).This demonstrates the RCN3 antibody detected RCN3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RCN3 antibody	Calcipressin 3 inhibits calcineurin dependent transcriptional responses by binding to the catalytic domain of calcineurin A, and may play a role during central nervous system development. Highest expression occurs in heart, skeletal muscle kidney, liver and peripheral blood leukocytes.
Product Categories/Family for anti-RCN3 antibody	Signal Transduction
References	Tsuji, A., et al. Biochem. J. 396(1):51-59(2006) Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003) Hu, R.M., et al. Proc. Natl. Acad. Sci. U.S.A. 97(17):9543-9548(2000)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28626510
NCBI GeneID	57333
NCBI Accession #	NP_065701.2
NCBI GenBank Nucleotide #	NM_020650.2
UniProt Accession #	Q96D15; Q9HBZ8
Molecular Weight	37493
NCBI Official Full Name	reticulocalbin-3
NCBI Official Synonym Full Names	reticulocalbin 3, EF-hand calcium binding domain
NCBI Official Symbol	RCN3
NCBI Official Synonym Symbols	RLP49
NCBI Protein Information	reticulocalbin-3
UniProt Protein Name	Reticulocalbin-3
UniProt Gene Name	RCN3
UniProt Entry Name	RCN3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

