



Anti-RCN1 (full length) polyclonal antibody (DPAB-DC2683)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.[provided by RefSeq, Jan 2009]
Immunogen	RCN1 (AAH10120, 31 a.a. ~ 331 a.a) full-length recombinant protein with GST tag. The sequence is PTVRKERVVRPDSELGERPPEDNQSFQYDHEAFLGKEDSKTFDQLTPDESKERLGKIVDR IDNDGDGFVTTEELKTWIKRVQKRYIFDNVAKVWKDYDRDKDDKISWEEYKQATYGYLLG NPAEFHDSSDHHTFKKMLPRDERRFKAADLNGDLTATREEFTAFLHPEEFEHMKEIVVLE TLEDIDKNGDGFVDQDEYIADMFSHEENGPEPDWVLSEREQFNEFRDLNKGKLDKDEIR HWILPQDYDHAQAEARHLVYESDKNKDEKLTKEEILENWNMFVGSQATNYGEDLTKNHDE L
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	RCN1 reticulocalbin 1, EF-hand calcium binding domain [Homo sapiens (human)]
Official Symbol	RCN1
Synonyms	RCN1; reticulocalbin 1, EF-hand calcium binding domain; RCN; RCAL; PIG20; HEL-S-84; reticulocalbin-1; proliferation-inducing gene 20; epididymis secretory protein Li 84;
Entrez Gene ID	5954
Protein Refseq	NP_002892
UniProt ID	Q15293
Chromosome Location	11p13
Function	calcium ion binding; protein binding;