



Rabbit Anti-Human CALU Polyclonal Antibody (CABT-L2154)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Calumenin (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against CALU. It has been selected for its ability to recognize CALU in immunohistochemical staining and western blotting.
Target	CALU
Immunogen	Recombinant fragment corresponding to human CALU (Lys20~Phe315)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]
Keywords	Crocalbin

GENE INFORMATION

Gene Name	CALU calumenin [Homo sapiens (human)]
Official Symbol	CALU
Synonyms	CALU; calumenin; IEF SSP 9302; crocalbin-like protein; multiple EF-hand protein;
Entrez Gene ID	813
Protein Refseq	NP_001124146
UniProt ID	A0A024R755
Chromosome Location	7q32.1
Pathway	Hemostasis; Platelet activation, signaling and aggregation; Platelet degranulation; Response to elevated platelet cytosolic Ca ²⁺ ;
Function	calcium ion binding; protein binding;