Rabbit Calumenin Polyclonal Antibody | anti-CALU antibody

Calumenin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328797	**Rabbit**	**Human, MousePredicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog**	**Western Blot**

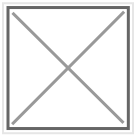
PRODUCT SYNONYMS

Calumenin; Polyclonal Antibody; Calumenin Antibody; CALU; CALU_HUMAN; Calumenin 1; Calumenin 2; Crocalbin; crocalbin-like protein; FLJ90608; IEF SSP 9302; multiple EF-hand protein; OTTHUMP00000212712; OTTHUMP00000212713; OTTHUMP00000212714; OTTHUMP00000212715; anti-CALU antibody

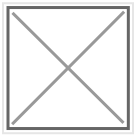
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Pig, Bovine, Horse, Sheep, Rabbit, Dog
Clonality	Polyclonal
Isotype	IgG
Specificity	Calumenin Antibody detects endogenous levels of Calumenin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	224
Applicable Applications for anti-CALU antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human Calumenin.
Tissue Specificity	Ubiquitously expressed. Expressed at high levels in heart, placenta and skeletal muscle, at lower levels in lung, kidney and pancreas and at very low levels in brain and liver.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endoplasmic Reticulum; Golgi Apparatus; Extracellular Region or Secreted
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

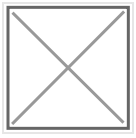
IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells, using Calumenin Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from B16F10, using Calumenin Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibod

ADDITIONAL INFORMATION

Related Product Information for anti-CALU antibody	Description: Involved in regulation of vitamin K-dependent carboxylation of multiple N-terminal glutamate residues. Seems to inhibit gamma-carboxylase GGCX. Binds 7 calcium ions with a low affinity (By similarity). Subunit Structure: Interacts with GGCX. Similarity: Belongs to the CREC family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122181
NCBI GeneID	813
NCBI Accession #	NP_001186602.1
NCBI GenBank Nucleotide #	NP_001186602.1
UniProt Accession #	O43852
Molecular Weight	Observed: 47 kDa Predicted: 38 kDa
NCBI Official Full Name	calumenin isoform e
NCBI Official Synonym Full Names	calumenin
NCBI Official Symbol	CALU
NCBI Protein Information	calumenin
UniProt Protein Name	Calumenin
UniProt Gene Name	**CALU**
UniProt Entry Name	CALU_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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/calumenin-antibody-western-blot-elisa/328797