

Rabbit anti-Human, Mouse Calumenin Polyclonal Antibody | anti-CALU antibody

Polyclonal Antibody to Calumenin (CALU)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20843	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

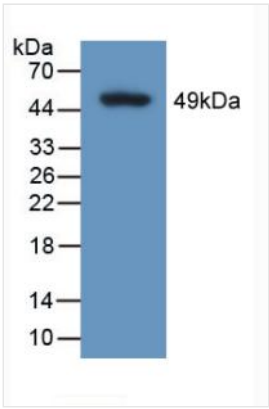
PRODUCT SYNONYMS

Calumenin; Polyclonal Antibody; Polyclonal Antibody to Calumenin (CALU); anti-CALU antibody

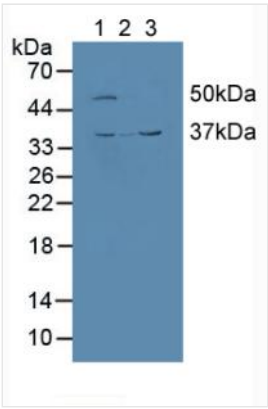
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
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.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag. His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-KPTEKKDR VHHEPQLSDK VHNDASFDY DHDAFLGAE AKTFDQLTPE ESKERLGKIV SKIDGDKDGF VTVDLKDWI KFAQKRWIYE DVERQWKGHD LNEDGLVSWE EYKNATYGYV LDDPDGDDGF NYKQMMVRDE RRFKMADKDG DLIATKEEFT AFLHPPEEYDY MKDIVVQETM EDIDKNADGF IDLEEYIGDM YSHDGNTEP EWWKTEREQF VEFDRDKNRDG KMDKEETKDW ILPSDYDHA EEARHLVYES DQNKDGKLT EEIVDKYDLF VGSQATDFGE ALVRHDEF
Sequence Length	315
Applicable Applications for anti-CALU antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	CALU (Lys20~Phe315)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant CALU (Lys20~Phe315) expressed in E Coli
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation
Knockout Validation: Lane 1: Wild-type Jurkat cell lysate; Lane 2: CALU knockout Jurkat cell lysate; Predicted MW: 37kd Observed MW: 37kd Primary Ab: 3ug/ml Rabbit Anti-Human CALU Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human HepG2 Cells; Lane2: Human Jurkat Cells; Lane3: Mouse Kidney Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CALU antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194578885
NCBI GeneID	813
NCBI Accession #	NP_001124146.1
NCBI GenBank Nucleotide #	NM_001130674.2
UniProt Accession #	O43852; B3KPG9; D6QS48; D6QS49; D6QS50; D6QS51; D6QS52; D6QS53; D6QS54; D6QS55; D6QS56; D6QS57
Molecular Weight	19,455 Da
NCBI Official Full Name	calumenin isoform b
NCBI Official Synonym Full Names	calumenin
NCBI Official Symbol	CALU
NCBI Protein Information	calumenin
UniProt Protein Name	Calumenin
UniProt Gene Name	CALU

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-immunocytochemistry-immunohistochemistry-elisa/20843>