

CALU recombinant antibody

Recombinant Anti-CALU Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266376	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

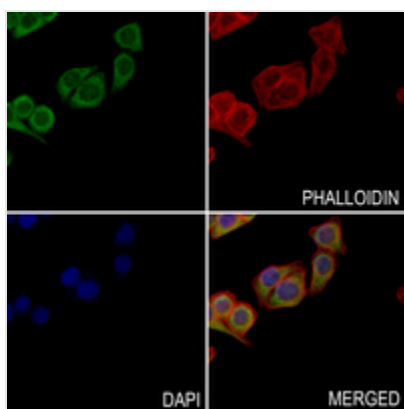
PRODUCT SYNONYMS

CALU; Monoclonal Recombinant Antibody; Recombinant Anti-CALU Rabbit mAb; Calumenin; Crocalbin; IEF SSP 9302; CALU recombinant antibody

PRODUCT SPECIFICATIONS

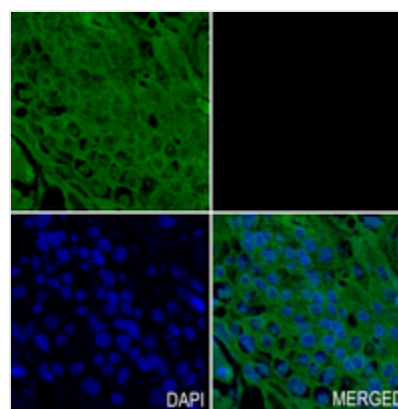
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of CALU protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for CALU recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human CALU. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



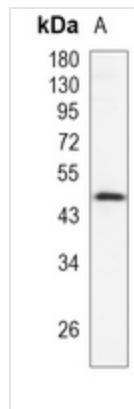
IF (Immunofluorescence)

Immunofluorescent analysis of CALU staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of CALU staining in human squamous cell carcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).



WB (Western Blot)

Western blot analysis of CALU expression in K562 (A) whole cell lysates. (Predicted band size: 37 kD; Observed band size: 47 kD)

ADDITIONAL INFORMATION

Related Product Information for CALU recombinant antibody	Recombinant rabbit monoclonal antibody to CALU
Product Categories/Family for CALU recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	314122181
NCBI GeneID	813
NCBI Accession #	NP_001186602.1
NCBI GenBank Nucleotide #	NM_001199673.1
UniProt Accession #	O43852; B3KPG9; D6QS48; D6QS49; D6QS50; D6QS51; D6QS52; D6QS53; D6QS54; D6QS55; D6QS56; D6QS57
Molecular Weight	37,107 Da
NCBI Official Full Name	calumenin isoform e
NCBI Official Synonym Full Names	calumenin
NCBI Official Symbol	CALU
NCBI Protein Information	calumenin; IEF SSP 9302; crocalbin-like protein; multiple EF-hand protein
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/monoclonal/calu-recombinant-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/266376>