

Rabbit anti-Human CLTA Polyclonal Antibody | anti-CLTA antibody

CLTA Antibody (Center)

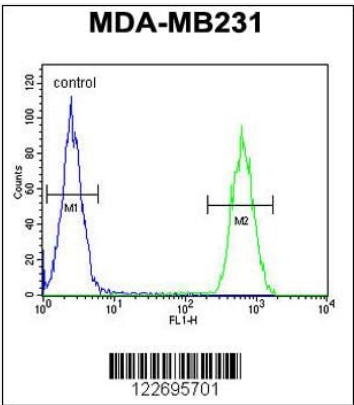
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284932	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

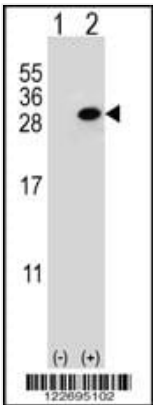
CLTA; Polyclonal Antibody; CLTA Antibody (Center); Clathrin light chain A; Lca; anti-CLTA antibody

PRODUCT SPECIFICATIONS

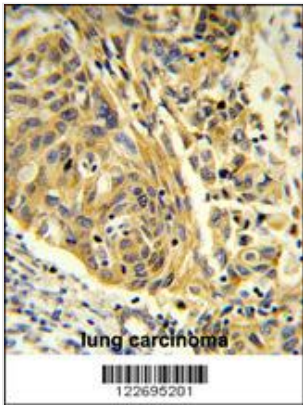
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CLTA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-127 amino acids from the Central region of human CLTA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.38 (varies by lot)
Sequence Positions	99-127
Sequence Length	166
Applicable Applications for anti-CLTA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



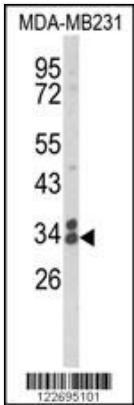
FCM/FACS (Flow Cytometry)
CLTA Antibody (Center) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of CLTA (arrow) using rabbit polyclonal CLTA Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CLTA gene.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with CLTA Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CLTA Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). CLTA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CLTA antibody	Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. CLTA is one of two clathrin light chain proteins which are believed to function as regulatory elements.
Product Categories/Family for anti-CLTA antibody	Neuroscience; Signal Transduction
References	Wong,D.H., et.al., J. Neurosci. 10 (9), 3025-3031 (1990) Nathke,I., et.al., J. Biol. Chem. 265 (30), 18621-18627 (1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115527060
NCBI GeneID	1211
NCBI Accession #	NP_001070145.1; NP_001171689.1; NP_001171691.1; NP_001824.1; NP_009027.1
NCBI GenBank Nucleotide #	NM_001076677.2
UniProt Accession #	P09496; Q2XPN5; Q53XZ1; A8K4W3; B4DIN1; F5H6N3

Molecular Weight	27077
NCBI Official Full Name	clathrin light chain A isoform c
NCBI Official Synonym Full Names	clathrin, light chain A
NCBI Official Symbol	CLTA
NCBI Official Synonym Symbols	LCA
NCBI Protein Information	clathrin light chain A
UniProt Protein Name	Clathrin light chain A
UniProt Gene Name	CLTA
UniProt Synonym Gene Names	Lca
UniProt Entry Name	CLCA_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://www.aaabiotech.com/polyclonal/clta-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284932>