

Rabbit CLTA Polyclonal Antibody | anti-CLTA antibody

CLTA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322973	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

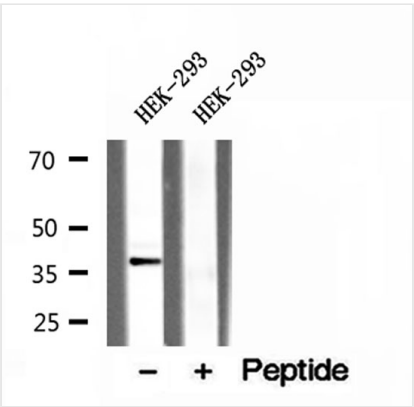
PRODUCT SYNONYMS

CLTA; Polyclonal Antibody; CLTA Antibody; Clathrin light chain A; Clathrin light chain B; Clathrin light chain LCA; Clathrin light chain LCB; Clathrin light polypeptide A; Clathrin light polypeptide; Clathrin light polypeptide B; Clathrin light polypeptide LCA; Clathrin light polypeptide LCB; Clathrin; light chain (Lcb); light polypeptide (Lca); light polypeptide (Lcb); CLCA_HUMAN; CLTB; Lca; LCB; anti-CLTA antibody

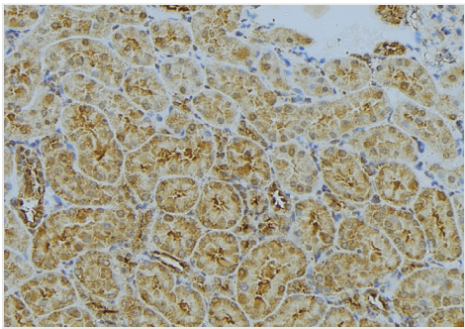
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CLTA antibody detects endogenous levels of CLTA.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
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	236
Applicable Applications for anti-CLTA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CLTA.
Subcellular Location	Cytoplasmic Vesicle Membrane. Membrane > Coated Pit. Cytoplasmic face of coated pits and vesicles.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (83%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

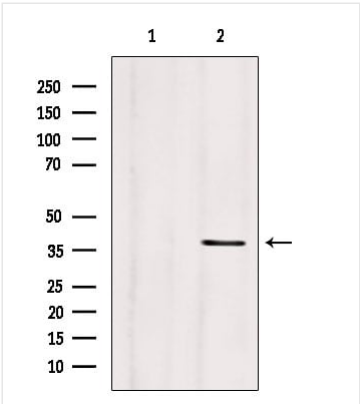
IMAGES



WB (Western Blot)
Western blot analysis of extracts of HEK-293 cells, using CLTA antibody.



IHC (Immunohiostchemistry)
AAA322973 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using CLTA antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CLTA antibody	Function: Clathrin is the major protein of the polyhedral coat of coated pits and vesicles. Acts as component of the TACC3/ch-TOG/clathrin complex proposed to contribute to stabilization of kinetochore fibers of the mitotic spindle by acting as inter-microtubule bridge (PubMed:15858577, PubMed:21297582). Subunit Structure: Clathrin coats are formed from molecules containing 3 heavy chains and 3 light chains. Interacts with CALY; the interaction stimulates clathrin self-assembly and clathrin-mediated endocytosis. Interacts with CKAP5 and TACC3 forming the TACC3/ch-TOG/clathrin complex located at spindle inter-microtubules bridges; the complex implicates clathrin triskelions. Similarity: Belongs to the clathrin light chain family.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	115527060
NCBI GeneID	1211
NCBI Accession #	NP_001070145.1
NCBI GenBank Nucleotide #	NM_001076677.2
UniProt Accession #	P09496; Q2XPN5; Q53XZ1; A8K4W3; B4DIN1; F5H6N3
Molecular Weight	Observed: 35-38 kDa Predicted: 28 kDa
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/clta-antibody-immunohistochemistry-western-blot-elisa/322973>