

Rabbit CLTC Polyclonal Antibody | anti-CLTC antibody

Anti-CLTC Antibody, Rabbit Polyclonal

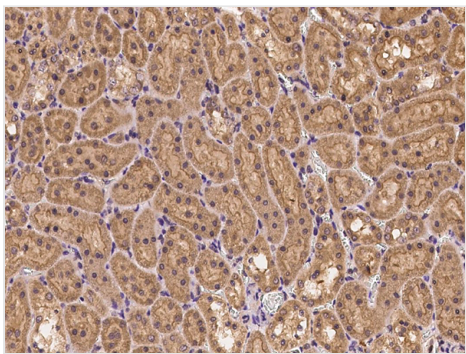
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA27734	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

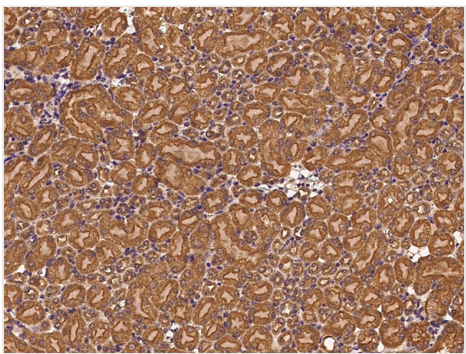
CLTC; Polyclonal Antibody; Anti-CLTC Antibody; Rabbit Polyclonal; CLTC Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-BA16H23.2 Antibody; Anti-BP180 Antibody; Anti-BPA-2 Antibody; Anti-BPAG2 Antibody; Anti-CHC Antibody; Anti-CHC17 Antibody; Anti-CLH-17 Antibody; Anti-CLTCL2 Antibody; Anti-ERED Antibody; Anti-Hc Antibody; Anti-LAD-1 Antibody; anti-CLTC antibody

PRODUCT SPECIFICATIONS

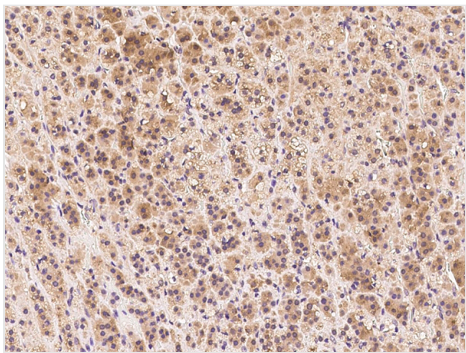
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human CLTC
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-CLTC antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:2000 IHC-P: 1:200-1:1000
Immunogen	A synthetic peptide corresponding to the center region of the Human CLTC
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human CLTC, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



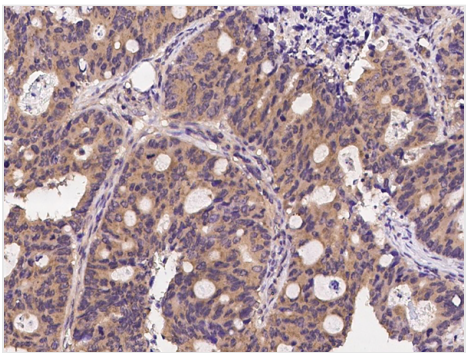
IHC (Immunohistochemistry)
Immunochemical staining CLTC in rat kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



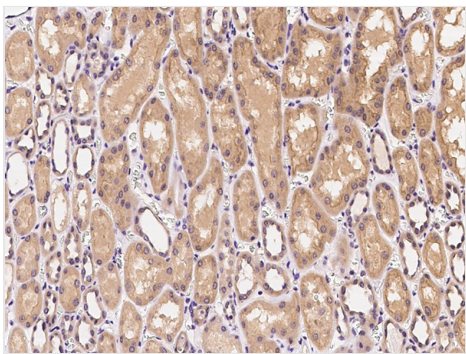
IHC (Immunohistochemistry)
Immunochemical staining CLTC in mouse kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



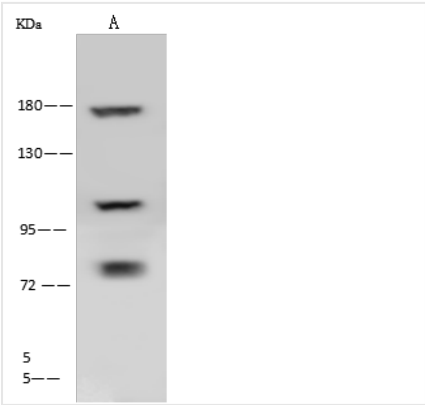
IHC (Immunohistochemistry)
Immunochemical staining CLTC in human adrenal gland with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining CLTC in human colon with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining CLTC in human kidney with rabbit polyclonal antibody at 1:500 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)
Anti-CLTC rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:191 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-CLTC antibody

The shared features of CLTC and other TFE3 fusion partners may shed light on the essential biology of TFE3 fusion proteins. CLTC, a scaffolding protein of clathrin-coated vesicles, in facilitating the fusion of autophagosomes with the CCV. During gene silencing of CLTC, CCVs are unable to fuse with each other, a phenotype also seen when silencing genes involved in macroautophagy/autophagy. Autophagosome fusion contributes to CCV size as cell starvation and subsequent autophagy induction leads to further CCV expansion. This is CLTC dependent, as the absence of CLTC renders autophagosomes no longer able to contribute to the expansion of the CCV.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758012
NCBI GeneID	1213
NCBI Accession #	NP_004850.1
NCBI GenBank Nucleotide #	NM_004859.3
UniProt Accession #	Q00610; Q6N0A0; Q86TF2; D3DU00
Molecular Weight	191615 MW
NCBI Official Full Name	clathrin heavy chain 1 isoform 1
NCBI Official Synonym Full Names	clathrin heavy chain
NCBI Official Symbol	CLTC
NCBI Official Synonym Symbols	Hc; CHC; CHC17; CLH-17; CLTCL2
NCBI Protein Information	clathrin heavy chain 1
UniProt Protein Name	Clathrin heavy chain 1
UniProt Gene Name	CLTC
UniProt Synonym Gene Names	CLH17; CLTCL2; KIAA0034; CLH-17

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://stage.aaabiotech.com/polyclonal/cltc-antibody-western-blot-immunohistochemistry-elisa/27734>