

Goat Clathrin HC Polyclonal Antibody | anti-CLTC antibody

Clathrin HC Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA13865	Goat	Human, Mouse, Rat, Canine, Monkey	Western Blot, Immunofluorescence, Immunohistochemistry, Immunohistochemistry

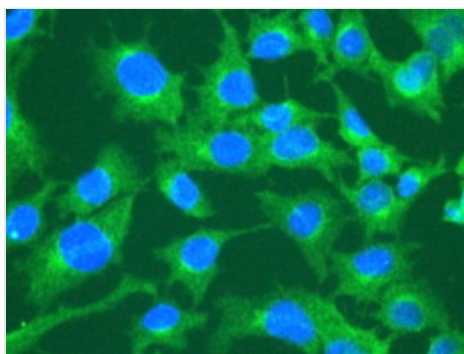
PRODUCT SYNONYMS

Clathrin HC; Polyclonal Antibody; Clathrin HC Polyclonal Antibody; Anti-Clathrin HC; clathrin; clathrin heavy chain 1; clathrin heavy polypeptide (Hc); clathrin heavy polypeptide-like 2; CLTC; CHC17; CLH-17; CLTCL2; Hc; heavy chain (Hc) antibody; anti-CLTC antibody

PRODUCT SPECIFICATIONS

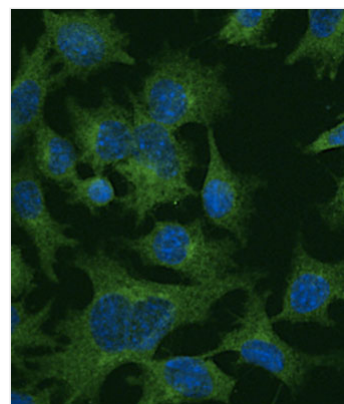
Host	Goat
Reactivity	Human, Mouse, Rat, Canine, Monkey
Clonality	Polyclonal
Specificity	Detects endogenous levels of total CLTC by Western blot in the whole cell lysates (MDCK, At-T20, COS-7).
Purity/Purification	This antibody is epitope-affinity purified from goat antiserum.
Form/Format	Supplied as a 200 ul (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Sequence Length	1675
Applicable Applications for anti-CLTC antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:250-1:1,000 IF: 1:25-1250
Immunogen	Purified recombinant peptide derived from within residues 50 aa to N-terminus of human CLTC produced in E. coli.
Note	The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles.
Preparation and Storage	For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours.

IMAGES



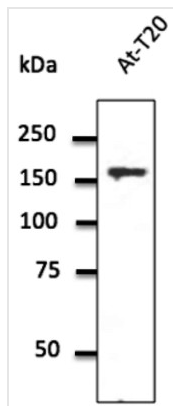
IF (Immunofluorescence)

anti-CLTC Ab – Membrane Vesicle Marker in Hepa1-6 cells at 1/50 dilution; cells were fixed with methanol



IF (Immunofluorescence)

anti-CLTC Ab – Membrane Vesicle Marker in Hepa1-6 cells at 1/50 dilution; cells were fixed with methanol



Reactivity Chart					
Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	+++	ND
Rat	+++	ND	ND	+++	ND
Mouse	+++	ND	ND	+++	ND
Canine	+++	ND	ND	+++	ND
Monkey	+++	ND	ND	+++	ND

Reactivity Chart

+++ excellent, ++ good, + poor, ND not determined

Application Data

Endogenous CLTC detected with at 1/500 dilution; lysate at 100 µg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

ADDITIONAL INFORMATION

Related Product Information for anti-CLTC antibody

Goat polyclonal to Clathrin Heavy Chain. Clathrin is formed by three clathrin heavy chains and three light chains. This protein is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in endocytosis of a variety of macromolecules and in the intracellular trafficking of receptors.

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
NCBI Official Full Name	clathrin heavy chain 1 isoform 1
NCBI Official Synonym Full Names	clathrin, heavy chain (Hc)
NCBI Official Symbol	CLTC
NCBI Official Synonym Symbols	Hc; CHC; CHC17; CLH-17; CLTCL2
NCBI Protein Information	clathrin heavy chain 1; clathrin, heavy polypeptide (Hc); clathrin, heavy polypeptide-like 2; clathrin heavy chain on chromosome 17
UniProt Protein Name	Clathrin heavy chain 1
UniProt Gene Name	CLTC
UniProt Synonym Gene Names	CLH17; CLTCL2; KIAA0034; CLH-17
UniProt Entry Name	CLH1_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/polyclonal/clathrin-hc-antibody-western-blot-immunofluorescence-immunohistochemistry-immunohistochemistry-elisa/13865>