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Datasheet for ABIN6254150

## anti-Clathrin Heavy Chain (CLTC) (N-Term) antibody

3 Images

1 Publication

### Overview

Quantity:	400 µg
Target:	Clathrin Heavy Chain (CLTC)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig, Dog, Monkey, Chicken, Horse, Rabbit, Avian, Hamster, Goat, Guinea Pig, Sheep, Cat, Donkey
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

### Product Details

Immunogen:	Purified recombinant peptide derived from within residues 50 aa to N-terminus of human CLTC produced in E. coli.
Isotype:	IgG
Specificity:	Detects endogenous levels of total CLTC by Western blot in the whole cell lysates (MDCK, At-T20, COS-7).
Characteristics:	Clathrin, heavy chain (Hc)
Purification:	epitope affinity purified

### Target Details

Target:	Clathrin Heavy Chain (CLTC)
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## Target Details

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Alternative Name: Clathrin HC ([CLTC Products](#))

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Handling Advice: The antibody solution should be gently mixed before use.

Storage: 4 °C, -20 °C

Storage Comment: For continuous use, store at 2-8 deg,C for one-two days. For extended storage, store in -20 deg,C freezer. Working dilution samples should be discarded if not used within 12 hours.

## Publications

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Product cited in: Ning, Liang, Liu, Wang, Edwards, Xia, Polin, Dyson, Taub, Mohammad, Azmi, Zhao, Ge: "Targeting ERK enhances the cytotoxic effect of the novel PI3K and mTOR dual inhibitor VS-5584 in preclinical models of pancreatic cancer." in: **Oncotarget**, Vol. 8, Issue 27, pp. 44295-44311, (2018) ([PubMed](#)).

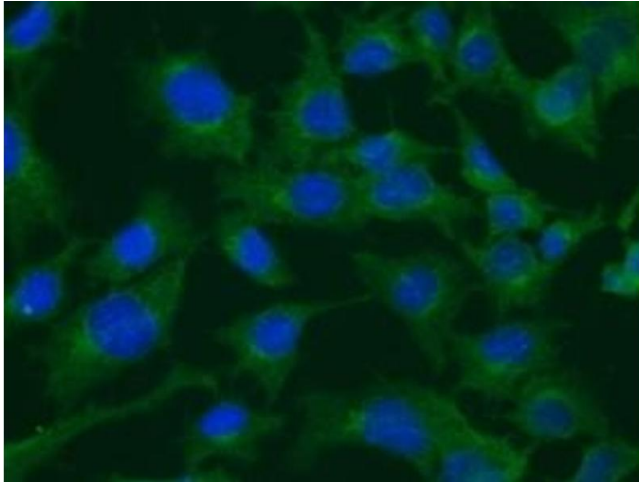
Logvinova, Matyushenko, Nikolaeva, Levitsky: "Transient interaction between the N-terminal extension of the essential light chain-1 and motor domain of the myosin head during the ATPase cycle." in: **Biochemical and biophysical research communications**, Vol. 495, Issue 1, pp. 163-167, (2018) ([PubMed](#)).

Su, Li, Ma, Zhao, Liu, Wang, Edwards, Taub, Lin, Ge: "Targeting PI3K, mTOR, ERK, and Bcl-2 signaling network shows superior antileukemic activity against AML ex vivo." in: **Biochemical pharmacology**, Vol. 148, pp. 13-26, (2018) ([PubMed](#)).

Tian, Feng, Han, Wu, Lv, Shen, Li, Zhang, Liu: "Magnolol Alleviates Inflammatory Responses and Lipid Accumulation by AMP-Activated Protein Kinase-Dependent Peroxisome Proliferator-Activated Receptor  $\alpha$  Activation." in: **Frontiers in immunology**, Vol. 9, pp. 147, (2018) ([PubMed](#)).

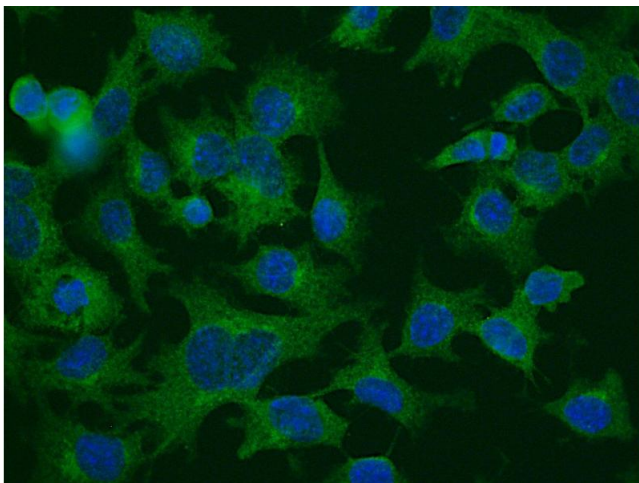
Yang, Shi, Liang, Ji, Zhang, Shen, Zhu, Xu: "Anti-tumor effect of evodiamine by inducing Akt-mediated apoptosis in hepatocellular carcinoma." in: **Biochemical and biophysical research**

Images



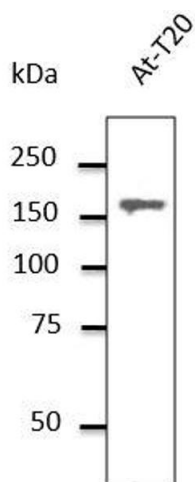
Immunofluorescence

Image 1.



Immunofluorescence

Image 2. Immunofluorescence anti-CLTC Ab Membrane Vesicle Marker in Hepa1-6 Cells at 1/50 dilution, Cells were fixed With methanol,



Western Blotting

Image 3. Endogenous CLTC detected With at 1/500 dilution, lysate at 100 pg per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution,