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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09305 - Goat Anti-CLTC Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CLTC, clathrin, heavy chain (Hc), CHC17, CLH-17, CLTCL2, Hc, KIAA0034, clathrin heavy chain 1, clathrin, heavy polypeptide (Hc), clathrin, heavy polypeptide-like 2

Official Symbol: CLTC

Accession Number(s): NP_004850.1; NP_001275582.1

Human GeneID(s): [1213](#)

Immunogen

Peptide with sequence C-ESLRKEEEQATETQ, from the internal region (near C Terminus) of the protein sequence according to NP_004850.1; NP_001275582.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

IHC: In paraffin embedded Human Adrenal Gland shows strong vesicular staining in the zona glomerulosa. Paraffin embedded Human Kidney. Recommended concentration: 3.75µg/ml.

Immunofluorescence: This antibody has been successfully used in IF on Human: Marival N et al. (2016) PMID: 27763505.

Species Reactivity

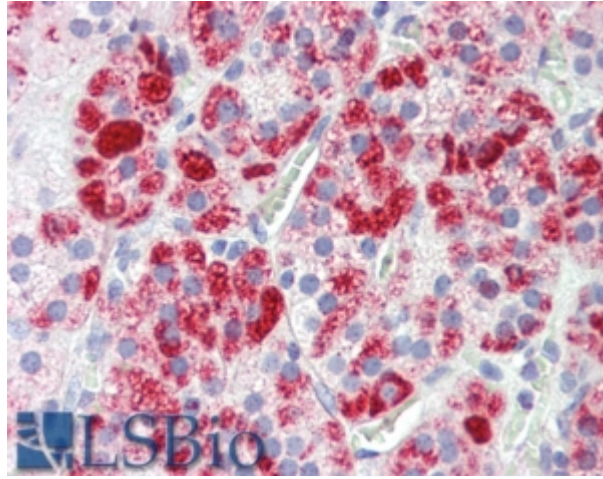
Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

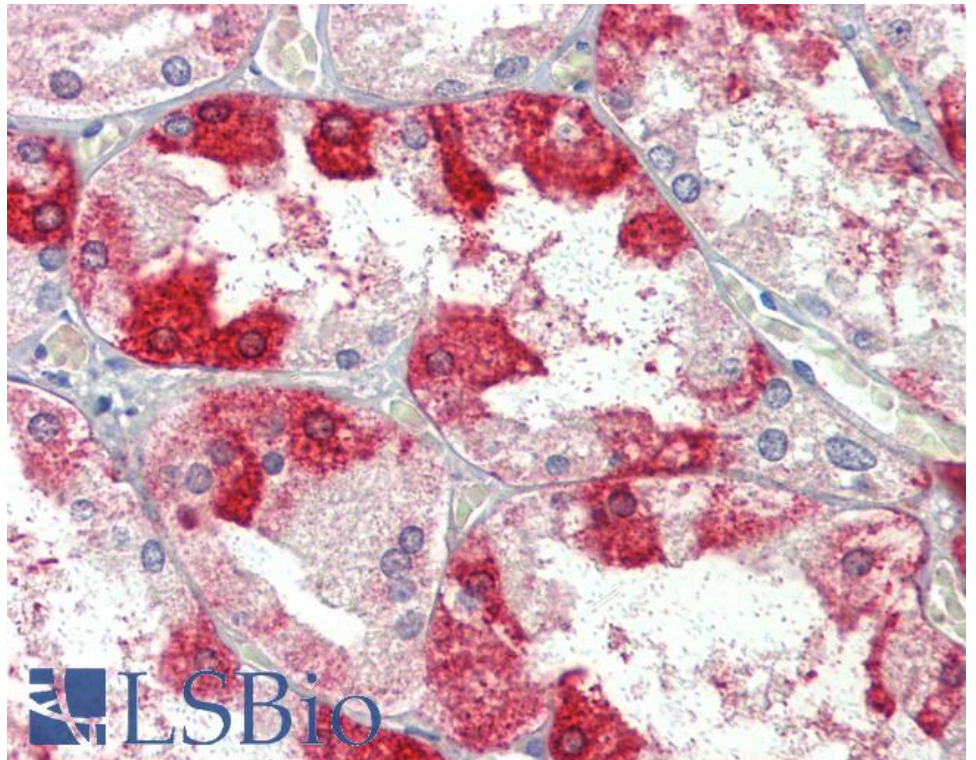
Specific Reference

This antibody has been successfully used in IF on Human:

Marival N, Saboural P, Haddad O, Maire M, Bassand K, Geinguenaud F, Djaker N, Ben Akrou K, Lamy de la Chapelle M, Robert R, Oudar O, Guyot E, Laguillier-Morizot C, Sutton A, Chauvierre C, Chaubet F, Charnaux N, Hlawaty H
Identification of a Pro-Angiogenic Potential and Cellular Uptake Mechanism of a LMW Highly Sulfated Fraction of Fucoidan from *Ascophyllum nodosum*
Mar Drugs. 2016 Oct 17;14(10)
PMID: 27763505



EB09305 (3.75µg/ml) staining of paraffin embedded Human Adrenal Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB09305 (3.75µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.