

CTNS

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 41kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human CTNS

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

PQLC4; CTNS-LSB;

Catalog #: A6893

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1497

Isotype: IgG

Swiss Prot: O60931

Purity: Affinity purification

For research use only.

Background:

This gene encodes a seven-transmembrane domain protein that functions to transport cystine out of lysosomes. Its activity is driven by the H⁺ electrochemical gradient of the lysosomal membrane. Mutations in this gene cause cystinosis, a lysosomal storage disorder. Alternative splicing results in multiple transcript variants.

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