

## CTNS

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**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<sup>+</sup> 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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