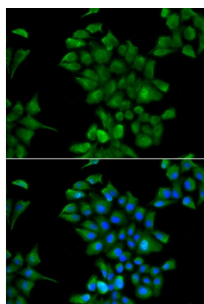


Cystinosin (CTNS) Antibody

Catalogue No.: abx005246



Immunofluorescence analysis of HeLa cells using CTNS Antibody

CTNS Antibody is a Rabbit Polyclonal antibody against CTNS. 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.

Target: Cystinosin (CTNS)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: IF/ICC

Host: Rabbit

Recommended dilutions: IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human CTNS

Isotype: IgG

Form: Liquid

Purification: Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O60931 ([UniProt](#), [ExPASy](#))

Gene Symbol: CTNS

Datasheet

Version: 6.0.0
Revision date: 22 Jun 2025



GeneID: [1497](#)

NCBI Accession: NP_001026851.2

KEGG: hsa:1497

String: [9606.ENSP00000371294](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only