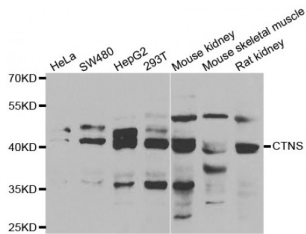


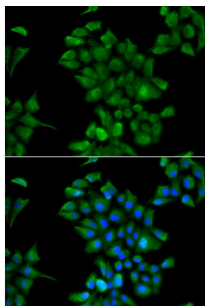
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Cystinosin (CTNS) Antibody

Catalogue No.: abx005246



Western blot analysis of extracts of various cell lines, using CTNS antibody (abx005246) at 1/1000 dilution.



Immunofluorescence analysis of HeLa cells using CTNS antibody (abx005246). Blue: DAPI for nuclear staining.

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: CTNS

Reactivity: Human, Mouse, Rat

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human CTNS.

Purification: Affinity purified.

Form: Liquid

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Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 41 kDa/45 kDa Observed MW: 42 kDa
Swiss Prot:	O60931
GeneID:	1497
Gene Symbol:	CTNS
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.