

Rabbit CTNS Polyclonal Antibody | anti-CTNS antibody

CTNS Polyclonal Antibody

CATALOG # AAA311428	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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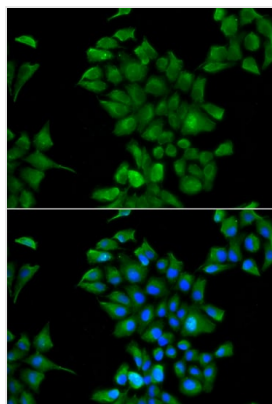
PRODUCT SYNONYMS

CTNS; Polyclonal Antibody; CTNS Polyclonal Antibody; CTNS-LSB; PQLC4; cystinosis; anti-CTNS antibody

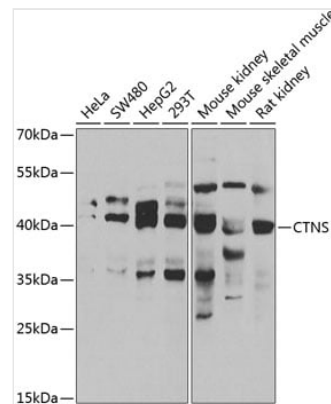
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-CTNS antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human CTNS (NP_001026851.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using CTNS antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CTNS antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CTNS antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119943118
NCBI GeneID	1497
NCBI Accession #	NP_001026851.2
NCBI GenBank Nucleotide #	NM_001031681.2
UniProt Accession #	O60931; Q8IZ01; Q9UNK6; D3DTJ5; Q6FGP9
Molecular Weight	41,738 Da
NCBI Official Full Name	cystinosin isoform 1
NCBI Official Synonym Full Names	cystinosin, lysosomal cystine transporter
NCBI Official Symbol	CTNS
NCBI Official Synonym Symbols	PQLC4; CTNS-LSB
NCBI Protein Information	cystinosin; OTTHUMP00000115861; OTTHUMP00000197111
UniProt Protein Name	Cystinosin
UniProt Gene Name	CTNS
UniProt Entry Name	CTNS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctns-antibody-immunofluorescence-western-blot-elisa/311428>