

Rabbit anti-Human CTNS Polyclonal Antibody | anti-CTNS antibody

CTNS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279444	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

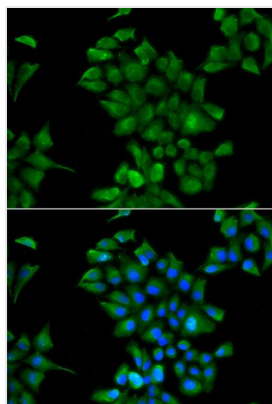
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

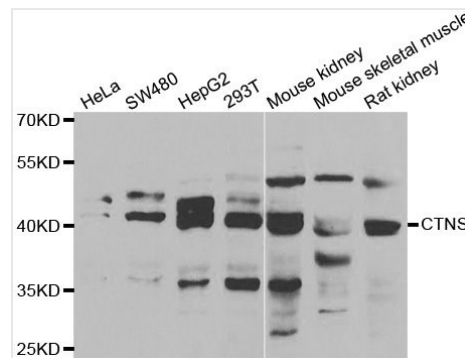
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	367
Applicable Applications for anti-CTNS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human CTNS
Calculated Molecular Weight	41kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)

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



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CTNS antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

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.
Product Categories/Family for anti-CTNS antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	269849555
NCBI GeneID	1497
UniProt Accession #	O60931; Q8IZ01; Q9UNK6; D3DTJ5
Molecular Weight	367
NCBI Official Full Name	Cystinosin
NCBI Official Synonym Full Names	cystinosin, lysosomal cystine transporter
NCBI Official Symbol	CTNS
NCBI Official Synonym Symbols	PQLC4; CTNS-LSB
NCBI Protein Information	cystinosin
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-immunohistochemistry-western-blot-elisa/279444>