

CTNS rabbit monoclonal antibody

Catalog # H00001497-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CTNS peptide using ARM Technology.
Immunogen	A synthetic peptide of human CTNS is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CTNS peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CTNS

Entrez GeneID	1497
GeneBank Accession#	CTNS
Gene Name	CTNS
Gene Alias	CTNS-LSB, PQLC4
Gene Description	cystinosis, nephropathic
Omim ID	219750 219800 219900 606272
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Pathway

- [Lysosome](#)

Disease

- [Hypertension](#)