

CTSA rabbit monoclonal antibody

Catalog # H00005476-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CTSA peptide using ARM Technology.
Immunogen	A synthetic peptide of human CTSA 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 CTSA 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	<ol style="list-style-type: none"> Customer may provide cell or tissue lysate for antibody screening. 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 — CTSA

Entrez GeneID	5476
GeneBank Accession#	CTSA
Gene Name	CTSA
Gene Alias	GLB2, GSL, NGBE, PPCA, PPGB
Gene Description	cathepsin A
Omim ID	256540
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a glycoprotein which associates with lysosomal enzymes beta-galactosidase and neuraminidase to form a complex of high molecular weight multimers. The formation of this complex provides a protective role for stability and activity. Deficiencies in this gene are linked to multiple forms of galactosialidosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000031778 beta-galactosidase 2 beta-galactosidase protective protein

Pathway

- [Renin-angiotensin system](#)