

Datasheet for ABIN656692
anti-CTSO antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	CTSO
Binding Specificity:	AA 69-98, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTSO antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This CTSO antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-98 amino acids from the N-terminal region of human CTSO.
Clone:	RB19259
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CTSO
Alternative Name:	CTSO (CTSO Products)
Background:	The protein encoded by the gene is a cysteine proteinase and a member of the papain

Target Details

superfamily. This proteolytic enzyme is involved in cellular protein degradation and turnover. The recombinant form of this enzyme was shown to degrade synthetic peptides typically used as substrates for cysteine proteinases and its proteolytic activity was abolished by an inhibitor of cyteine proteinase.

Molecular Weight: 35958

Gene ID: 1519

NCBI Accession: [NP_001325](#)

UniProt: [P43234](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

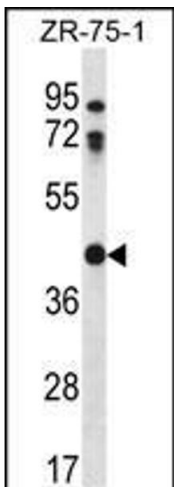
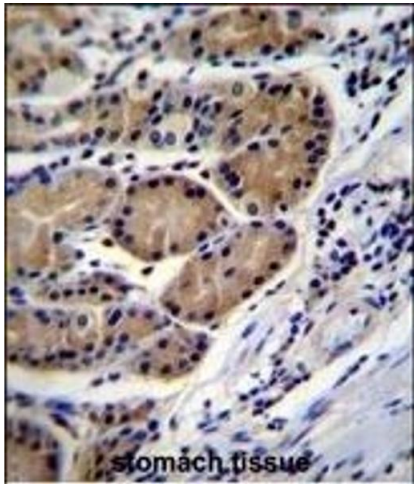
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: CTSO Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. CTSO Antibody (N-term) (ABIN656692 and ABIN2845928) immunohistochemistry analysis in formalin fixed and paraffin embedded human stomach tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CTSO Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. CTSO Antibody (N-term) (ABIN656692 and ABIN2845928) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the CTSO antibody detected the CTSO protein (arrow).