

CTSO Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP12765a**Specification**

CTSO Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P43234](#)

CTSO Antibody (N-term) Blocking peptide - Additional Information

Gene ID 1519

Other Names

Cathepsin O, CTSO, CTSO1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CTSO Antibody (N-term) Blocking peptide - Protein Information

Name CTSO

Synonyms CTSO1

Function

Proteolytic enzyme possibly involved in normal cellular protein degradation and turnover.

Cellular Location

Lysosome.

Tissue Location

Expressed in all tissues examined. High levels seen in the ovary, kidney and placenta while low levels seen in thymus and skeletal muscle

CTSO Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

CTSO Antibody (N-term) Blocking peptide - Images**CTSO Antibody (N-term) Blocking peptide - Background**

The protein encoded by the gene is a cysteine proteinase and a member of the papain 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 cysteine proteinase.

CTSO Antibody (N-term) Blocking peptide - References

Roeske, D., et al. Mol. Psychiatry (2009) In press : Lamesch, P., et al. Genomics 89(3):307-315(2007) Santamaria, I., et al. Genomics 53(2):231-234(1998) Shi, G.P., et al. FEBS Lett. 357(2):129-134(1995) Velasco, G., et al. J. Biol. Chem. 269(43):27136-27142(1994)