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CTSZ Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP11116a

Specification

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

Primary Accession Q9UBR2

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

Gene ID 1522

Other Names
Cathepsin Z, Cathepsin P, Cathepsin X, CTSZ

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.

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

Name CTSZ

Function
Exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity (PubMed:10504234). Capable of producing kinin potentiating peptides (By similarity).

Cellular Location
Lysosome.

Tissue Location
Widely expressed..

CTSZ Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

CTSZ Antibody (N-term) Blocking peptide - Images

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CTSZ Antibody (N-term) Blocking peptide - Background

The protein encoded by this gene is a lysosomal cysteineproteinase and member of the peptidase C1 family. It exhibits bothcarboxy-monopeptidase and carboxy-dipeptidase activities. Theencoded protein has also been known as cathepsin X and cathepsin P.This gene is expressed ubiquitously in cancer cell lines andprimary tumors and, like other members of this family, may beinvolved in tumorigenesis.

CTSZ Antibody (N-term) Blocking peptide - References

Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)Cooke, G.S., et al. Am. J. Respir. Crit. Care Med. 178(2):203-207(2008)Harris, S.E., et al. BMC Genet. 8, 43 (2007) :Lechner, A.M., et al. J. Biol. Chem. 281(51):39588-39597(2006)Sleat, D.E., et al. Mol. Cell Proteomics 5(4):686-701(2006)