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CTSH Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP7380a

Specification

CTSH Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P09668

CTSH Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 1512

Other Names
Pro-cathepsin H, Cathepsin H mini chain, Cathepsin H, Cathepsin H heavy chain, Cathepsin H light chain, CTSH, CPSB

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7380a was selected from the N-term region of human CTSH. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

CTSH Antibody (N-term) Blocking Peptide - Protein Information

Name CTSH

Synonyms CPSB

Function
Important for the overall degradation of proteins in lysosomes.

Cellular Location
Lysosome.

CTSH Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

CTSH Antibody (N-term) Blocking Peptide - Images

CTSH Antibody (N-term) Blocking Peptide - Background

The protein is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. It is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. The protein, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of its gene has been correlated with malignant progression of prostate tumors.

CTSH Antibody (N-term) Blocking Peptide - References

Bunatova,K., Int. J. Biol. Markers 24 (1), 47-51 (2009)Decock,J., Int. J. Biol. Markers 23 (3), 161-168 (2008)