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PI15 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13330a

Specification

PI15 Antibody (N-term) Blocking peptide - Product Information

Primary Accession O43692

PI15 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 51050

Other Names
Peptidase inhibitor 15, PI-15, 25 kDa trypsin inhibitor, p25TI, Cysteine-rich secretory protein 8, CRISP-8, SugarCrisp, PI15, CRISP8, P25TI

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13330a was selected from the N-term region of PI15. 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.

PI15 Antibody (N-term) Blocking peptide - Protein Information

Name PI15

Synonyms CRISP8, P25TI

Function
Serine protease inhibitor which displays weak inhibitory activity against trypsin (PubMed:8882727). May play a role in facial patterning during embryonic development (By similarity).

Cellular Location
Secreted.

Tissue Location
Weakly expressed. Expressed at low level in prostate, mammary gland, salivary gland and thyroid gland

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PI15 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

PI15 Antibody (N-term) Blocking peptide - Images

PI15 Antibody (N-term) Blocking peptide - Background

This gene encodes a trypsin inhibitor. The protein sharessimilarity to insect venom allergens, mammalian testis-specificproteins and plant pathogenesis-related proteins. It is frequentlyexpressed in human neuroblastoma and glioblastoma cell lines, andthus may play a role in the central nervous system. [provided byRefSeq].

PI15 Antibody (N-term) Blocking peptide - References

Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) :Kaplan, F., et al. Am. J. Physiol. 276 (6 PT 1), L1027-L1036 (1999) :Yamakawa, T., et al. Biochim. Biophys. Acta 1395(2):202-208(1998)Yamakawa, T., et al. Biochim. Biophys. Acta 1395(2):202-208(1998)Koshikawa, N., et al. J. Biochem. 119(2):334-339(1996)