

# PI15 Antibody (N-term) Blocking peptide

Synthetic peptide Catalog # BP13330a

# **Specification**

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

Primary Accession

043692

## 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:<a href="http://www.uniprot.org/citations/8882727" target="\_blank">8882727</a>). 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



# 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-specific proteins and plant pathogenesis-related proteins. It is frequently expressed in human neuroblastoma and glioblastoma cell lines, and thus 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)