

# Latexin Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP1467a

## **Specification**

# Latexin Antibody (N-term) Blocking Peptide - Product Information

Primary Accession

**09BS40** 

# Latexin Antibody (N-term) Blocking Peptide - Additional Information

**Gene ID 56925** 

#### **Other Names**

Latexin, Endogenous carboxypeptidase inhibitor, ECI, Protein MUM, Tissue carboxypeptidase inhibitor, TCI, LXN

# **Target/Specificity**

The synthetic peptide sequence used to generate the antibody <a

href=/product/products/AP1467a>AP1467a</a> was selected from the N-term region of human Latexin. 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.

### Latexin Antibody (N-term) Blocking Peptide - Protein Information

### **Name LXN**

#### **Function**

Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.

### **Cellular Location**

Cytoplasm.

### **Tissue Location**

Highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low in other tissues including brain



# Latexin Antibody (N-term) Blocking Peptide - Protocols

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

## • Blocking Peptides

Latexin Antibody (N-term) Blocking Peptide - Images

Latexin Antibody (N-term) Blocking Peptide - Background

Latexin possesses nearly irreversible, non-competitive and potent inhibition of zinc-dependent metallocarboxypeptidases CPA1, CPA2, and CPA4. It is expressed in a neuronal subset in the cerebral cortex and cells in other neural and non-neural tissues of rat. Latexin plays a role in regional specification and/or morphogenesis of the forebrain.

Latexin Antibody (N-term) Blocking Peptide - References

Pallares, I., Proc. Natl. Acad. Sci. U.S.A. 102 (11), 3978-3983 (2005)