

Latexin Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1467c**Specification**

Latexin Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BS40](#)**Latexin Antibody (Center) 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 [AP1467c](/product/products/AP1467c) was selected from the Center 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 (Center) 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 (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Latexin Antibody (Center) Blocking Peptide - Images

Latexin Antibody (Center) Blocking Peptide - Background

Latexin possesses nearly irreversible, non-competitive and potent inhibition of zinc-dependent metallopeptidases 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 (Center) Blocking Peptide - References

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