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Latexin Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP1467c

Specification

Latexin Antibody (Center) Blocking Peptide - Product Information

Primary 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 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

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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 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 (Center) Blocking Peptide - References

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