

CXorf15 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP13184b**Specification**

CXorf15 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NUQ3](#)**CXorf15 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 55787**Other Names**

Gamma-taxilin, Environmental lipopolysaccharide-responding gene protein, Factor inhibiting ATF4-mediated transcription, FIAT, Lipopolysaccharide-specific response protein 5, TXLNG, CXorf15, ELRG, LSR5

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13184b was selected from the C-term region of CXorf15. 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.

CXorf15 Antibody (C-term) Blocking Peptide - Protein Information**Name** TXLNG**Synonyms** CXorf15, ELRG, LSR5**Function**

May be involved in intracellular vesicle traffic. Inhibits ATF4-mediated transcription, possibly by dimerizing with ATF4 to form inactive dimers that cannot bind DNA. May be involved in regulating bone mass density through an ATF4-dependent pathway. May be involved in cell cycle progression.

Cellular Location

Nucleus membrane. Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q8BHN1}

Tissue Location

Ubiquitously expressed. Expressed at high level in heart and skeletal muscle. Expressed in brain, placenta, lung, liver, kidney and pancreas.

CXorf15 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CXorf15 Antibody (C-term) Blocking Peptide - Images

CXorf15 Antibody (C-term) Blocking Peptide - Background

This gene encodes a member of the taxilin family. The encoded protein binds to the C-terminal coiled-coil region of syntaxin family members 1A, 3A and 4A, and may play a role in intracellular vesicle trafficking. This gene is up-regulated by lipopolysaccharide and the gene product may be involved in cell cycle regulation. The related mouse protein was also shown to inhibit activating transcription factor 4-mediated transcription and thus regulate bone mass accrual. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

CXorf15 Antibody (C-term) Blocking Peptide - References

Du, K., et al. Toxicology 243(3):303-310(2008) Olsen, J.V., et al. Cell 127(3):635-648(2006) Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006) Yu, V.W., et al. Ann. N. Y. Acad. Sci. 1068, 131-142 (2006) Yu, V.W., et al. J. Cell Biol. 169(4):591-601(2005)