

C1orf103 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10096a**Specification**

C1orf103 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q5T3J3](#)
Other Accession [NP_060842.3](#), [NP_001006946.1](#)

C1orf103 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 55791

Other Names

Ligand-dependent nuclear receptor-interacting factor 1, Receptor-interacting factor 1, LRIF1, C1orf103, RIF1

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.

C1orf103 Antibody (N-term) Blocking peptide - Protein Information

Name LRIF1 ([HGNC:30299](#))

Function

Together with SMCHD1, involved in chromosome X inactivation in females by promoting the compaction of heterochromatin (PubMed: [23542155](http://www.uniprot.org/citations/23542155)). Also able to repress the ligand-induced transcriptional activity of retinoic acid receptor alpha (RARA), possibly through direct recruitment of histone deacetylases (PubMed: [17455211](http://www.uniprot.org/citations/17455211)). Also required for silencing of the DUX4 locus in somatic cells (PubMed: [32467133](http://www.uniprot.org/citations/32467133)).

Cellular Location

Chromosome. Nucleus matrix. Note=Localizes to Barr body; recruited by SMCHD1.

Tissue Location

Widely expressed, with the highest expression levels in heart, liver and placenta.

C1orf103 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

C1orf103 Antibody (N-term) Blocking peptide - Images**C1orf103 Antibody (N-term) Blocking peptide - References**

Li, H.J., et al. J. Cell. Biochem. 102(4):1021-1035(2007)Lamesch, P., et al. Genomics 89(3):307-315(2007)Stelzl, U., et al. Cell 122(6):957-968(2005)Goehler, H., et al. Mol. Cell 15(6):853-865(2004)