

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

Synthetic peptide

Catalog # BP10096a

**Specification**

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

Primary Accession

[O5T3J3](#)

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:<<http://www.uniprot.org/citations/23542155>>23542155</a>). Also able to repress the ligand-induced transcriptional activity of retinoic acid receptor alpha (RARA), possibly through direct recruitment of histone deacetylases (PubMed:<<http://www.uniprot.org/citations/17455211>>17455211</a>). Also required for silencing of the DUX4 locus in somatic cells (PubMed:<<http://www.uniprot.org/citations/32467133>>32467133</a>).**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)