

ZC3H4 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5591a**Specification**

ZC3H4 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [O9UPT8](#)
Other Accession [NP_055983.1](#)

ZC3H4 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 23211

Other Names

Zinc finger CCCH domain-containing protein 4, ZC3H4, C19orf7, KIAA1064

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.

ZC3H4 Antibody (N-term) Blocking peptide - Protein Information

Name ZC3H4 {ECO:0000303|PubMed:33913806, ECO:0000312|HGNC:HGNC:17808}

Function

RNA-binding protein that suppresses transcription of long non-coding RNAs (lncRNAs) (PubMed:33913806, PubMed:33767452). LncRNAs are defined as transcripts more than 200 nucleotides that are not translated into protein (PubMed:33913806, PubMed:33767452). Together with WDR82, part of a transcription termination checkpoint that promotes transcription termination of lncRNAs and their subsequent degradation by the exosome (PubMed:33913806, PubMed:33767452). The transcription termination checkpoint is activated by the inefficiently spliced first exon of lncRNAs (PubMed:33767452).

Cellular Location

Chromosome. Note=Recruited at sites of high RNA polymerase II occupancy

ZC3H4 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZC3H4 Antibody (N-term) Blocking peptide - Images

ZC3H4 Antibody (N-term) Blocking peptide - References

Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)Matsuoka, S., et al. Science 316(5828):1160-1166(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)