

ZNF219 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP1982a**Specification**

ZNF219 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9P2Y4](#)**ZNF219 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51222**Other Names**

Zinc finger protein 219, ZNF219

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1982a](/products/AP1982a) was selected from the N-term region of human ZNF219. 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.

ZNF219 Antibody (N-term) Blocking Peptide - Protein Information**Name** ZNF219**Function**

Transcriptional regulator (PubMed: [14621294](http://www.uniprot.org/citations/14621294), PubMed: [19549071](http://www.uniprot.org/citations/19549071)). Recognizes and binds 2 copies of the core DNA sequence motif 5'-GGGGG- 3' (PubMed: [14621294](http://www.uniprot.org/citations/14621294)). Binds to the HMGN1 promoter and may repress HMGN1 expression (PubMed: [14621294](http://www.uniprot.org/citations/14621294)). Regulates SNCA expression in primary cortical neurons (PubMed: [19549071](http://www.uniprot.org/citations/19549071)). Binds to the COL2A1 promoter and activates COL2A1 expression, as part of a complex with SOX9 (By similarity). Plays a role in chondrocyte differentiation (By similarity).

Cellular Location

Nucleus

Tissue Location

Ubiquitous..

ZNF219 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZNF219 Antibody (N-term) Blocking Peptide - Images

ZNF219 Antibody (N-term) Blocking Peptide - Background

ZNF219 is a member of the Kruppel-like zinc finger family that is involved in a diverse range of biological processes. ZNF219 is a 77-kDa nuclear protein containing nine sets of C2H2 zinc finger structures. It may be involved in transcriptional regulation, it functions as a transcriptional repressor for the HMGN1 promoter

ZNF219 Antibody (N-term) Blocking Peptide - References

Olsen,J.V., Cell 127 (3), 635-648 (2006)Paces-Fessy,M., Biochem. J. 378 (PT 2), 353-362 (2004)Sakai,T., DNA Res. 10 (4), 155-165 (2003)