

ZNF516 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20170c**Specification**

ZNF516 Blocking Peptide (Center) - Product Information

Primary Accession [O92618](#)
Other Accession [NP_055458.1](#)

ZNF516 Blocking Peptide (Center) - Additional Information

Gene ID 9658

Other Names

Zinc finger protein 516, ZNF516, KIAA0222

Target/Specificity

The synthetic peptide sequence is selected from aa 533-547 of HUMAN ZNF516

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.

ZNF516 Blocking Peptide (Center) - Protein Information

Name ZNF516 ([HGNC:28990](#))

Function

Transcriptional regulator that binds to the promoter and activates the transcription of genes promoting brown adipose tissue (BAT) differentiation. Among brown adipose tissue-specific genes, binds the proximal region of the promoter of the UCP1 gene to activate its transcription and thereby regulate thermogenesis (By similarity). May also play a role in the cellular response to replication stress (PubMed: <http://www.uniprot.org/citations/23446422> target="_blank">23446422).

Cellular Location

Nucleus {ECO:0000250|UniProtKB:Q7TSH3}.

ZNF516 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

ZNF516 Blocking Peptide (Center) - Images

ZNF516 Blocking Peptide (Center) - Background

ZNF516 may be involved in transcriptional regulation.

ZNF516 Blocking Peptide (Center) - References

Beausoleil, S.A., et al. Proc. Natl. Acad. Sci. U.S.A. 101(33):12130-12135(2004)