

ZNF93 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5626a**Specification**

ZNF93 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [P35789](#)
Other Accession [NP_112495.2](#)

ZNF93 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 81931

Other Names

Zinc finger protein 93, Zinc finger protein 505, Zinc finger protein HTF34, ZNF93, ZNF505

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.

ZNF93 Antibody (N-term) Blocking peptide - Protein Information

Name ZNF93

Synonyms ZNF505

Function

Transcription factor specifically required to repress long interspersed nuclear element 1 (L1) retrotransposons: recognizes and binds L1 sequences and repress their expression by recruiting a repressive complex containing TRIM28/KAP1 (PubMed:25274305). Not able to repress expression of all subtypes of L1 elements. Binds to the 5' end of L1PA4, L1PA5 and L1PA6 subtypes, and some L1PA3 subtypes. Does not bind to L1PA7 or older subtypes nor at the most recently evolved L1PA2 and L1Hs. 50% of L1PA3 elements have lost the ZNF93-binding site, explaining why ZNF93 is not able to repress their expression (PubMed:25274305).

Cellular Location

Nucleus.

ZNF93 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZNF93 Antibody (N-term) Blocking peptide - Images

ZNF93 Antibody (N-term) Blocking peptide - Background

ZNF93 may be involved in transcriptional regulation.

ZNF93 Antibody (N-term) Blocking peptide - References

Duan, Z., et al. PLoS ONE 4 (9), E6967 (2009) :Caporaso, N., et al. PLoS ONE 4 (2), E4653 (2009)
:Grimwood, J., et al. Nature 428(6982):529-535(2004)Bellefroid, E.J., et al. EMBO J.
12(4):1363-1374(1993)Bellefroid, E.J., et al. Proc. Natl. Acad. Sci. U.S.A. 88(9):3608-3612(1991)