

ZFN2B Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5304a**Specification**

ZFN2B Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q8WV99](#)
Other Accession [NP_620157.1](#)

ZFN2B Antibody (N-term) Blocking peptide - Additional Information

Gene ID 130617

Other Names

AN1-type zinc finger protein 2B, Arsenite-inducible RNA-associated protein-like protein, AIRAP-like protein, ZFAND2B, AIRAPL

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.

ZFN2B Antibody (N-term) Blocking peptide - Protein Information

Name ZFAND2B ([HGNC:25206](#))

Function

Plays a role in protein homeostasis by regulating both the translocation and the ubiquitin-mediated proteasomal degradation of nascent proteins at the endoplasmic reticulum. It is involved in the regulation of signal-mediated translocation of proteins into the endoplasmic reticulum. It also plays a role in the ubiquitin-mediated proteasomal degradation of proteins for which signal-mediated translocation to the endoplasmic reticulum has failed. May therefore function in the endoplasmic reticulum stress-induced pre-emptive quality control, a mechanism that selectively attenuates the translocation of newly synthesized proteins into the endoplasmic reticulum and reroutes them to the cytosol for proteasomal degradation (By similarity). By controlling the steady-state expression of the IGF1R receptor, indirectly regulates the insulin-like growth factor receptor signaling pathway (PubMed:26692333).

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q91X58}; Lipid-anchor {ECO:0000250|UniProtKB:Q91X58}

ZFN2B Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

ZFN2B Antibody (N-term) Blocking peptide - Images**ZFN2B Antibody (N-term) Blocking peptide - References**

Hassan, W.M., et al. Hum. Mol. Genet. 18(15):2739-2747(2009) Venkatesan, K., et al. Nat. Methods 6(1):83-90(2009) Yun, C., et al. Proc. Natl. Acad. Sci. U.S.A. 105(19):7094-7099(2008)