

ZNF385A Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17816a**Specification**

ZNF385A Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q96PM9](#)**ZNF385A Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 25946**Other Names**

Zinc finger protein 385A, Hematopoietic zinc finger protein, Retinal zinc finger protein, ZNF385A, HZF, RZF, ZNF385

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.

ZNF385A Antibody (N-term) Blocking Peptide - Protein Information**Name** ZNF385A**Synonyms** HZF, RZF, ZNF385**Function**

RNA-binding protein that affects the localization and the translation of a subset of mRNA. May play a role in adipogenesis through binding to the 3'-UTR of CEBPA mRNA and regulation of its translation. Targets ITPR1 mRNA to dendrites in Purkinje cells, and may regulate its activity-dependent translation. With ELAVL1, binds the 3'-UTR of p53/TP53 mRNAs to control their nuclear export induced by CDKN2A. Hence, may regulate p53/TP53 expression and mediate in part the CDKN2A anti-proliferative activity. May also bind CCNB1 mRNA. Alternatively, may also regulate p53/TP53 activity through direct protein-protein interaction. Interacts with p53/TP53 and promotes cell-cycle arrest over apoptosis enhancing preferentially the DNA binding and transactivation of p53/TP53 on cell-cycle arrest target genes over proapoptotic target genes. May also regulate the ubiquitination and stability of CDKN1A promoting DNA damage-induced cell cycle arrest. Also plays a role in megakaryocytes differentiation.

Cellular Location

Cytoplasm. Nucleus, nucleolus. Cell projection, dendrite. Note=Detected in dendrites of Purkinje cells and hippocampal neurons.

Tissue Location

Expressed predominantly in the retina.

ZNF385A Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZNF385A Antibody (N-term) Blocking Peptide - Images**ZNF385A Antibody (N-term) Blocking Peptide - Background**

Zinc finger proteins, such as ZNF385A, are regulatory proteins that act as transcription factors, bind single- or double-stranded RNA, or interact with other proteins (Sharma et al., 2004 [PubMed 15527981]).

ZNF385A Antibody (N-term) Blocking Peptide - References

Das, S., et al. Cell 130(4):624-637(2007) Sharma, S., et al. Gene 342(2):219-229(2004) Kimura, Y., et al. J. Exp. Med. 195(7):941-952(2002) Hidaka, M., et al. Mech. Dev. 90(1):3-15(2000)