

ZNF385A Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17816a

Specification

ZNF385A Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O96PM9
Other Accession	O8VD12 , NP_001124439.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	40454
Antigen Region	57-83

ZNF385A Antibody (N-term) - Additional Information

Gene ID 25946

Other Names

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

Target/Specificity

This ZNF385A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-83 amino acids from the N-terminal region of human ZNF385A.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

ZNF385A Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF385A Antibody (N-term) - 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.

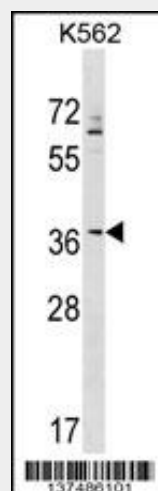
Tissue Location

Expressed predominantly in the retina.

ZNF385A Antibody (N-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ZNF385A Antibody (N-term) - Images

ZNF385A Antibody (N-term) (Cat. #AP17816a) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the ZNF385A antibody detected the ZNF385A protein (arrow).

ZNF385A Antibody (N-term) - 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) - 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)