

ZNF385A Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP17816a

Product Information

Application	WB, E
Primary Accession	Q96PM9
Other Accession	Q8VD12 , NP_001124439.1
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB37486
Calculated MW	40454
Antigen Region	57-83

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 E~~Use at an assay dependent concentration.
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.

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.

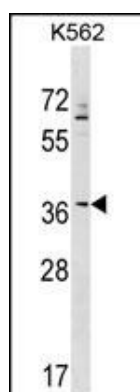
Background

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]).

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)

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.