

ZNF274 Antibody(N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP19398a

Product Information

Application	WB, E
Primary Accession	Q96GC6
Other Accession	Q4R8H9 , NP_057408.2
Reactivity	Human
Predicted	Monkey, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB40414
Calculated MW	74177
Antigen Region	53-82

Additional Information

Gene ID	10782
Other Names	Neurotrophin receptor-interacting factor homolog, Zinc finger protein 274, Zinc finger protein HFB101, Zinc finger protein with KRAB and SCAN domains 19, Zinc finger protein zfp2, Zf2, ZNF274, ZKSCAN19
Target/Specificity	This ZNF274 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-82 amino acids from the N-terminal region of human ZNF274.
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	ZNF274 Antibody(N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	ZNF274
Synonyms	ZKSCAN19

Function	Probable transcription repressor. Specifically binds to the 3'-end of zinc-finger coding genes and recruiting chromatin-modifying proteins such as SETDB1 and TRIM28/KAP1, leading to transcription repression. The SETDB1-TRIM28-ZNF274 complex may play a role in recruiting ATRX to the 3'-exons of zinc-finger coding genes with atypical chromatin signatures to establish or maintain/protect H3K9me3 at these transcriptionally active regions (PubMed: 27029610).
Cellular Location	Cytoplasm. Nucleus, nucleolus

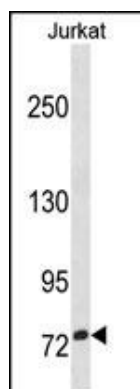
Background

This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or two Kruppel-associated box A (KRAB A) domains, and a leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals.

References

Wu, C., et al. Proteomics 7(11):1775-1785(2007)
Sripathy, S.P., et al. Mol. Cell. Biol. 26(22):8623-8638(2006)
Wan, D., et al. Proc. Natl. Acad. Sci. U.S.A. 101(44):15724-15729(2004)
Yano, K., et al. Genomics 65(1):75-80(2000)
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Images



ZNF274 Antibody (N-term)(Cat. #AP19398a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the ZNF274 antibody detected the ZNF274 protein (arrow).

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