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ZNF274 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant ZNF274.
Catalog # AT4621a

Product Information

Application	WB, IF
Primary Accession	Q96GC6
Other Accession	NM_133502
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D8
Calculated MW	74177

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	ZNF274 (NP_598009, 420 a.a. ~ 530 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ZNF274 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

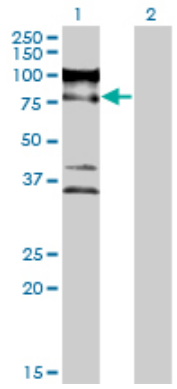
Background

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

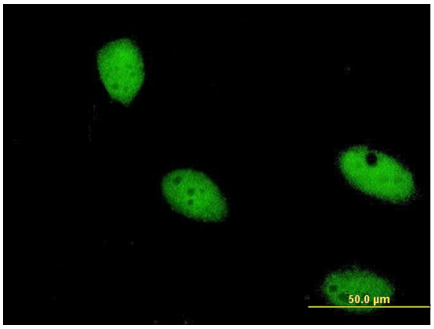
Systematic identification of SH3 domain-mediated human protein-protein interactions by peptide array target screening. Wu C, et al. Proteomics, 2007 Jun. PMID 17474147.The KAP1 corepressor functions to coordinate the assembly of de novo HP1-demarcated microenvironments of heterochromatin required for KRAB zinc finger protein-mediated transcriptional repression. Sripathy SP, et al. Mol Cell Biol, 2006 Nov. PMID 16954381.Large-scale cDNA transfection screening for genes related to cancer development and progression. Wan D, et al. Proc Natl Acad Sci U S A, 2004 Nov 2. PMID 15498874.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.

Images

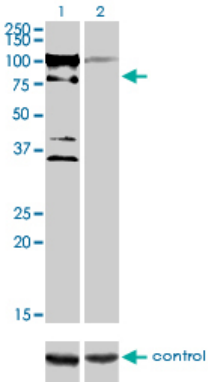


Western Blot analysis of ZNF274 expression in transfected 293T cell line by ZNF274 monoclonal antibody (M04), clone 1D8.

Lane 1: ZNF274 transfected lysate(74.2 KDa).
Lane 2: Non-transfected lysate.



Immunofluorescence of monoclonal antibody to ZNF274 on HeLa cell . [antibody concentration 10 ug/ml]



Western blot analysis of ZNF274 over-expressed 293 cell line, cotransfected with ZNF274 Validated Chimera RNAi ((Cat # AT4621a)

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