

ZNF21 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant ZNF21.

Catalog # AT4606a

Product Information

Application	WB, IF
Primary Accession	P17025
Other Accession	NM_006962
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	6D11
Calculated MW	73646

Additional Information

Gene ID	7569
Other Names	Zinc finger protein 182, Zinc finger protein 21, Zinc finger protein KOX14, ZNF182, KOX14, ZNF21
Target/Specificity	ZNF21 (NP_008893, 81 a.a. ~ 190 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	ZNF21 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

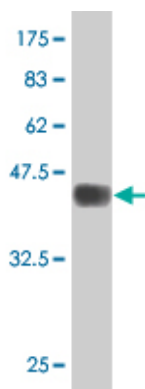
Zinc-finger proteins bind nucleic acids and play important roles in various cellular functions, including cell proliferation, differentiation, and apoptosis. This gene encodes a zinc finger protein, and belongs to the krueppel C2H2-type zinc-finger protein family. It may be involved in transcriptional regulation. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

References

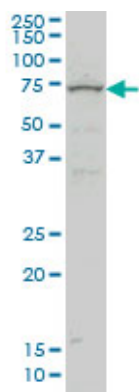
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Transcriptome characterization elucidates

signaling networks that control human ES cell growth and differentiation. Brandenberger R, et al. Nat Biotechnol, 2004 Jun. PMID 15146197. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Localization of a novel zinc finger gene to the human chromosome 7p11.2-p12 by fluorescence in situ hybridization. Wang R, et al. Somat Cell Mol Genet, 1996 May. PMID 8914609.

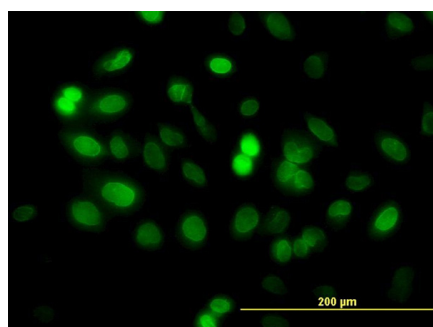
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



ZNF21 monoclonal antibody (M03), clone 6D11 Western Blot analysis of ZNF21 expression in HeLa S3 NE ((Cat # AT4606a)



Immunofluorescence of monoclonal antibody to ZNF21 on HeLa cell. [antibody concentration 25 ug/ml]

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