

DNASE1L1 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant DNASE1L1.

Catalog # AT1798a

Product Information

Application	WB, E
Primary Accession	P49184
Other Accession	BC001561
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	4E9
Calculated MW	33893

Additional Information

Gene ID	1774
Other Names	Deoxyribonuclease-1-like 1, 3121-, DNase X, Deoxyribonuclease I-like 1, DNase I-like 1, Muscle-specific DNase I-like, XIB, DNASE1L1, DNAS1L1, DNL1L
Target/Specificity	DNASE1L1 (AAH01561, 18 a.a. ~ 302 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
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	DNASE1L1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

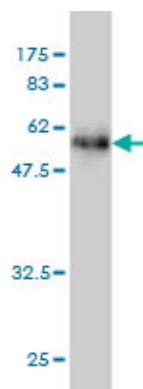
This gene encodes a member of the deoxyribonuclease family and the protein shows high sequence similarity to lysosomal DNase I. Alternate transcriptional splice variants, encoding the same protein, have been characterized.

References

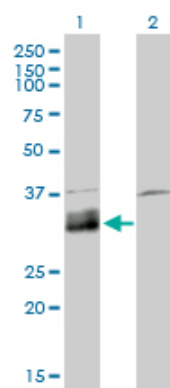
Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Genetic and expression analysis of all non-synonymous single nucleotide

polymorphisms in the human deoxyribonuclease I-like 1 and 2 genes. Ueki M, et al. Electrophoresis, 2010 Jun. PMID 20503202. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Isolation, differential splicing and protein expression of a DNase on the human X chromosome. Coy JF, et al. Cell Death Differ, 1996 Apr. PMID 17180083. The LIFEdb database in 2006. Mehrle A, et al. Nucleic Acids Res, 2006 Jan 1. PMID 16381901.

Images



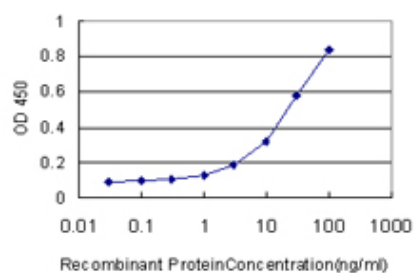
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (57.09 KDa) .



Western Blot analysis of DNASE1L1 expression in transfected 293T cell line by DNASE1L1 monoclonal antibody (M02), clone 4E8.

Lane 1: DNASE1L1 transfected lysate (33.9 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged DNASE1L1 is approximately 0.3 ng/ml as a capture antibody.

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