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PBX4 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant PBX4.
Catalog # AT3204a

Product Information

Application	WB, E
Primary Accession	Q9BYU1
Other Accession	NM_025245
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1D8
Calculated MW	40854

Additional Information

Gene ID	80714
Other Names	Pre-B-cell leukemia transcription factor 4, Homeobox protein PBX4, PBX4
Target/Specificity	PBX4 (NP_079521, 319 a.a. ~ 374 a.a) partial 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	PBX4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

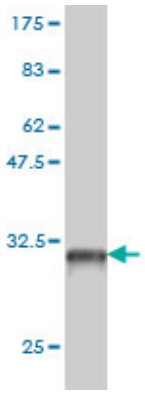
This gene encodes a homeodomain protein with similarity to a transcription factor involved in translocations in pre-B-cell leukemias. The presence of a homeobox domain suggests that this protein acts as a transcription factor, but this function has not been demonstrated.

References

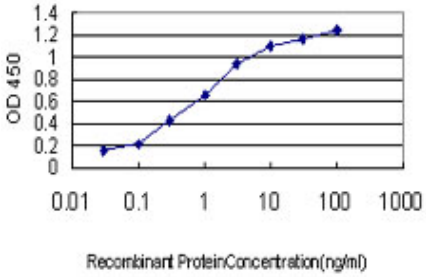
Pharmacogenetic analysis of lipid responses to rosuvastatin in Chinese patients. Hu M, et al. Pharmacogenet Genomics, 2010 Oct. PMID 20679960.Common variants at 30 loci contribute to polygenic dyslipidemia. Kathiresan S, et al. Nat Genet, 2009 Jan. PMID 19060906.Polymorphisms at newly identified lipid-associated loci are associated with blood lipids and cardiovascular disease in an Asian Malay population. Tai ES, et al. J

Lipid Res, 2009 Mar. PMID 18987386.Six new loci associated with blood low-density lipoprotein cholesterol, high-density lipoprotein cholesterol or triglycerides in humans. Kathiresan S, et al. Nat Genet, 2008 Feb. PMID 18193044.Newly identified loci that influence lipid concentrations and risk of coronary artery disease. Willer CJ, et al. Nat Genet, 2008 Feb. PMID 18193043.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.9 KDa) .



Detection limit for recombinant GST tagged PBX4 is approximately 0.03ng/ml as a capture antibody.

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