

NAT5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant NAT5.

Catalog # AT2974a

Product Information

Application	WB, E
Primary Accession	P61599
Other Accession	BC005181
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	2C6
Calculated MW	20368

Additional Information

Gene ID	51126
Other Names	N-alpha-acetyltransferase 20, Methionine N-acetyltransferase, N-acetyltransferase 5, N-terminal acetyltransferase B complex catalytic subunit NAA20, N-terminal acetyltransferase B complex catalytic subunit NAT5, NatB complex subunit NAT5, NatB catalytic subunit, NAA20, NAT5
Target/Specificity	NAT5 (AAH05181, 1 a.a. ~ 178 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	NAT5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

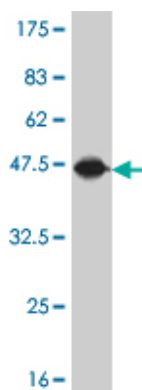
NAT5 is a component of N-acetyltransferase complex B (NatB). Human NatB performs cotranslational N(alpha)-terminal acetylation of methionine residues when they are followed by asparagine (Starheim et al., 2008 [PubMed 18570629]).

References

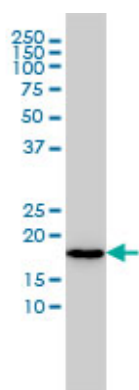
1.N-terminal acetylome analyses and functional insights of the N-terminal acetyltransferase NatB.Van

Damme P, Lasa M, Plevoda B, Gazquez C, Elosegui-Artola A, Kim DS, De Juan-Pardo E, Demeyer K, Hole K, Larrea E, Timmerman E, Prieto J, Arnesen T, Sherman F, Gevaert K, Aldabe R. Proc Natl Acad Sci U S A. 2012 Jul 31;109(31):12449-54. Epub 2012 Jul 18. Identification of the human Nalpa-acetyltransferase complex B (hNatB) - a complex important for cell cycle progression. Starheim KK, Arnesen T, Gromyko D, Rynningen A, Varhaug JE, Lillehaug J. Biochem J. 2008 Oct 15;415(2):325-31.

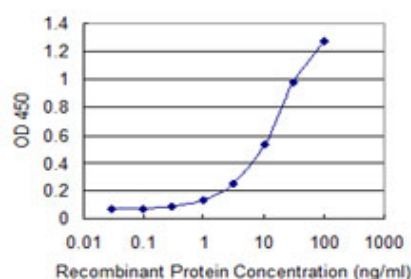
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.32 KDa) .



NAT5 monoclonal antibody (M01), clone 2C6 Western Blot analysis of NAT5 expression in HL-60 ((Cat # AT2974a)



Detection limit for recombinant GST tagged NAT5 is 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'.