

Datasheet for ABIN2461659

anti-MNAT1 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	MNAT1
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MNAT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MNAT1.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	MNAT1
Alternative Name:	MNAT1 (MNAT1 Products)
Background:	Cyclin-dependent kinases (CDKs), which play an essential role in cell cycle control of eukaryotic cells, are phosphorylated and thus activated by the CDK-activating kinase (CAK). CAK is a multisubunit protein that includes CDK7, cyclin H, and MAT1. MAT1 (for 'menage a trois-1') is involved in the assembly of the CAK complex. Cyclin-dependent kinases (CDKs), which play an essential role in cell cycle control of eukaryotic cells, are phosphorylated and thus activated by

Target Details

	the CDK-activating kinase (CAK). CAK is a multisubunit protein that includes CDK7 (MIM 601955), cyclin H (CCNH, MIM 601953), and MAT1. MAT1 (for 'menage a trois-1') is involved in the assembly of the CAK complex.
Molecular Weight:	36 kDa
Gene ID:	4331
NCBI Accession:	NP_002422
UniProt:	P51948
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , M Phase

Application Details

Application Notes:	MNAT1 antibody can be used for detection of MNAT1 by ELISA at 1:312500. MNAT1 antibody can be used for detection of MNAT1 by western blot at 1.25 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store MNAT1 antibody at -20 °C.



Western Blotting

Image 1.