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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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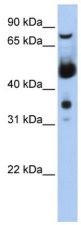
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Product Number	P100992_P050
Product Page	www.avivasysbio.com/mnat1-antibody-n-terminal-region-p100992-p050.html
Name	MNAT1 Antibody - N-terminal region (P100992_P050)
Protein Size (# AA)	309 amino acids
Molecular Weight	36kDa
NCBI Gene Id	4331
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis)
Description	View product citations for MNAT1 Antibody - N-terminal region (P100992_P050) on CiteAb
Alias Symbols	MAT1, TFB3, CAP35, RNF66
Peptide Sequence	Synthetic peptide located within the following region: DDQGCPRCKTTKYRNP SLKLMVNVCGHTLCESCVDLLFVRGAGNCPECGT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reference	Li, Y., (2007) Lung Cancer 58 (2), 171-183
Description of Target	The coenzyme NAD and its derivatives are involved in hundreds of metabolic redox reactions and are utilized in protein ADP-ribosylation, histone deacetylation, and in some Ca(2+) signaling pathways. NMNAT (EC 2.7.7.1) is a central enzyme in NAD biosynthesis, catalyzing the condensation of nicotinamide mononucleotide (NMN) or nicotinic acid mononucleotide (NaMN) with the AMP moiety of ATP to form NAD or NaAD. 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 (MIM 601955), cyclin H (CCNH; MIM 601953), and MAT1. MAT1 (for 'menage a trois-1') is involved in the assembly of the CAK complex. [supplied by OMIM]. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-498 AA053721.1 1-498 499-1372 BC000820.1 489-1362 1373-1388 BU620200.1 1-16 c
Protein Interactions	RPA3; RPA2; RPA1; CDK7; CDK2; MBP; CTD; CCNH; NGFRAP1; UBC; NKX3-1; USP2; SUPT5H; POLR2A; GTF2H4; GTF2H3; GTF2H1; ERCC2; tat; TRIM39; TRIM34; TRIM17; TRIM2; ICK; TRIM31; RNF41; RNF7; TRIM26; MKRN3; TRIM21; MDM4; BRCA1; TRIML1; RNF32; TRIM9; TRIM5; XBP1P1;
Reconstitution and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Datasheets/Manuals	Printable datasheet for anti-MNAT1 (P100992_P050) antibody
Blocking Peptide	For anti-MNAT1 (P100992_P050) antibody is Catalog # AAP31339 (Previous Catalog # AAP02090)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MNAT1
Uniprot ID	P51948
Protein Name	CDK-activating kinase assembly factor MAT1
Sample Type Confirmation	MNAT1 is supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_002422
Purification	Affinity Purified
Nucleotide Accession #	NM_002431

Tested Species Reactivity	Human
Gene Symbol	MNAT1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Pig, Zebrafish
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%; Zebrafish: 100%
Image 1	Human 721_B  WB Suggested Anti-MNAT1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 721_B cell lysate. MNAT1 is supported by BioGPS gene expression data to be expressed in 721_B

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This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.