

Product datasheet for **TA335831**

MNAT1 Rabbit Polyclonal Antibody

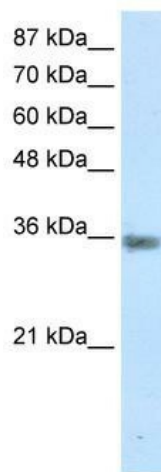
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-MNAT1 Antibody: synthetic peptide directed towards the C terminal of human MNAT1. Synthetic peptide located within the following region: LQIETYGPHVPELEMLGRLGYLNHVRAASPQDLAGGYTSSLACHRALQDA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	36 kDa
Gene Name:	MNAT1, CDK activating kinase assembly factor
Database Link:	NP_002422 Entrez Gene 4331 Human P51948



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- 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 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]
- Synonyms:** CAP35; MAT1; RNF66; TFB3
- Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 86%
- Protein Families:** Druggable Genome, Stem cell - Pluripotency, Transcription Factors
- Protein Pathways:** Nucleotide excision repair
- Product images:**



WB Suggested Anti-MNAT1 Antibody Titration:
1.25 ug/ml; Positive Control: Jurkat cell lysate.
MNAT1 is supported by BioGPS gene expression data to be expressed in Jurkat