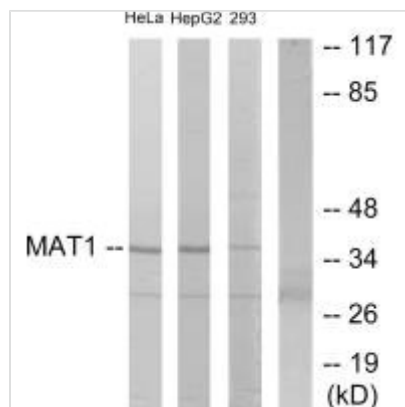




MNAT1 Antibody

Product Code	CSB-PA583349
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P51948
Immunogen	Synthesized peptide derived from internal of Human MAT1.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total MAT1 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Stabilizes the cyclin H-CDK7 complex to form a functional CDK-activating kinase (CAK) enzymatic complex. CAK activates the cyclin-associated kinases CDK1, CDK2, CDK4 and CDK6 by threonine phosphorylation. CAK complexed to the core-TFIIF basal transcription factor activates RNA polymerase II by serine phosphorylation of the repetitive C-terminal domain (CTD) of its large subunit (POLR2A), allowing its escape from the promoter and elongation of the transcripts. Involved in cell cycle control and in RNA transcription by RNA polymerase II. Tassan J.-P., EMBO J. 14:5608-5617(1995). Yee A., Cancer Res. 55:6058-6062(1995). Tirode F., Mol. Cell 3:87-95(1999).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	AMS1; AdoMet synthetase; EC 2.5.1.6; MAT-I/III; MATA1
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	MNAT1
Image	



Western blot analysis of extracts from HeLa cells, HepG2 cells and 293 cells, using MAT1 antibody.