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anti-MNAT1 antibody (AA 51-150) (Biotin)



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Quantity:	100 μL	
Target:	MNAT1	
Binding Specificity:	AA 51-150	
Reactivity:	Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MNAT1 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MNAT1	
Isotype:	IgG	
Cross-Reactivity:	Mouse, Rat	
Predicted Reactivity:	Human,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit	
Purification:	Purified by Protein A.	

Target Details

Target:	MNAT1
Alternative Name:	MNAT1 (MNAT1 Products)

Target Details

Background:	Synonyms: MAT1, TFB3, CAP35, RNF66, CDK-activating kinase assembly factor MAT1,		
	CDK7/cyclin-H assembly factor, Cyclin-G1-interacting protein, Menage a trois, RING finger		
	protein 66, RING finger protein MAT1, p35, p36, MNAT1		
	Background: 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-TFIIH 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.		
Gene ID:	4331		
UniProt:	P51948		
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, M Phase		
Application Details			
Application Notes:	WB 1:300-5000		
	IHC-P 1:200-400		
	IHC-F 1:100-500		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	1 μg/μL		
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and		
	50 % Glycerol.		
Preservative:	ProClin		
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be		
	handled by trained staff only.		
Storage:	-20 °C		
Storage Comment:	Store at -20°C for 12 months.		
Expiry Date:	12 months		
Expiry Date:	12 months		