

## Product datasheet for **TA386704**

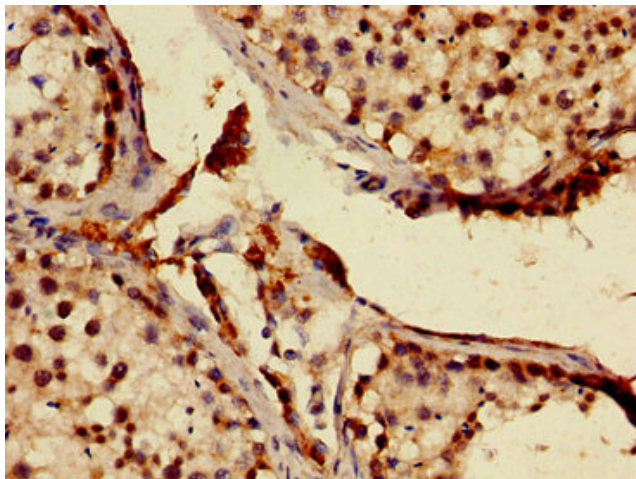
### MNAT1 Rabbit Polyclonal Antibody

#### Product data:

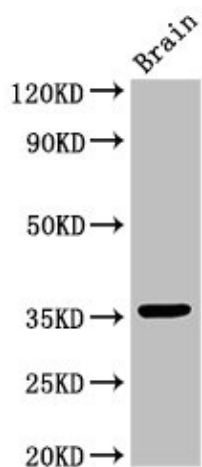
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human CDK-activating kinase assembly factor MAT1 protein (1-309AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">P51948</a>
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-TFIID 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.



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**Product images:**

Immunohistochemistry of paraffin-embedded human testis tissue using TA386704 at dilution of 1:100



Western Blot  
Positive WB detected in: Mouse brain tissue  
All lanes: MNAT1 antibody at 3 $\mu$ g/ml  
Secondary  
Goat polyclonal to rabbit IgG at 1/50000 dilution  
Predicted band size: 36, 32 kDa  
Observed band size: 36 kDa