

MNAT1 Polyclonal Antibody | anti-MNAT1 antibody

Anti-MNAT1 Antibody

CATALOG # AAA46322	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MNAT1; Polyclonal Antibody; Anti-MNAT1 Antibody; CDK-activating kinase assembly factor MAT1; MNAT 1; CAP35; CDK activating kinase assembly factor MAT1; CDK7/cyclin H assembly factor; CDK7/cyclin-H assembly factor; Cyclin G1 interacting protein; Cyclin-G1-interacting protein; MAT1; MAT1_HUMAN; Menage a trois 1 (CAK assembly factor); Menage a trois; Menage a trois homolog 1; cyclin H assembly factor (Xenopus laevis); MNAT CDK activating kinase assembly factor 1; Mnat1; p35; p36; RING finger protein 66; RING finger protein MAT1; RNF66; TFB3; MNAT CDK-activating kinase assembly factor 1; anti-MNAT1 antibody

PRODUCT SPECIFICATIONS

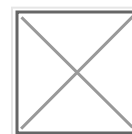
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	267
Applicable Applications for anti-MNAT1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human MNAT1 recombinant protein (Position: L92-A278). Human MNAT1 shares 93% amino acid (aa) sequence identity with mouse MNAT1.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



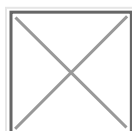
IHC (Immunohistochemistry)

Anti- MNAT1 Picoband antibody, AAA46322, IHC(P)IHC(P): Human Testis Tissue



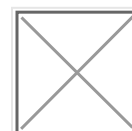
IHC (Immunohistochemistry)

Anti- MNAT1 Picoband antibody, AAA46322, IHC(P)IHC(P): Rat Testis Tissue



IHC (Immunohistochemistry)

Anti- MNAT1 Picoband antibody, AAA46322, IHC(P)IHC(P): Mouse Testis Tissue



WB (Western Blot)

Anti- MNAT1 Picoband antibody, AAA46322, Western blottingAll lanes: Anti MNAT1 (AAA46322) at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2: Rat Liver Tissue Lysate at 50ugLane 3: MCF-7 Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugPredicted bind size: 81KDObserved bind size: 81KD

ADDITIONAL INFORMATION

Related Product Information for anti-MNAT1 antibody	Description: Rabbit IgG polyclonal antibody for CDK-activating kinase assembly factor MAT1(MNAT1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: CDK-activating kinase assembly factor MAT1 is an enzyme that in humans is encoded by the MNAT1 gene. The protein encoded by this gene, along with cyclin H and CDK7, forms the CDK-activating kinase (CAK) enzymatic complex. This complex activates several cyclin-associated kinases and can also associate with TFIIF to activate transcription by RNA polymerase II. Two transcript variants encoding different isoforms have been found for this gene.
References	1. "Entrez Gene: MNAT1 menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis)". 2. Eki T, Okumura K, Abe M, Kagotani K, Taguchi H, Murakami Y, Pan ZQ, Hanaoka F (April 1998). "Mapping of the human genes encoding cyclin H (CCNH) and the CDK-activating kinase (CAK) assembly factor MAT1 (MNAT1) to chromosome bands 5q13.3-q14 and 14q23, respectively". Genomics 47 (1): 115-20. 3. Talukder AH, Mishra SK, Mandal M, Balasenthil S, Mehta S, Sahin AA, Barnes CJ, Kumar R (March 2003). "MTA1 interacts with MAT1, a cyclin-dependent kinase-activating kinase complex ring finger factor, and regulates estrogen receptor transactivation functions". J. Biol. Chem. 278 (13): 11676-85.

NCBI AND UNIPROT INFORMATION

NCBI GI #	295789085
NCBI GeneID	4331
NCBI Accession #	NP_001171434.1
NCBI GenBank Nucleotide #	NM_001177963.1
UniProt Accession #	P51948; Q15817; Q6ICQ7; G3V1U8
Molecular Weight	31,148 Da
NCBI Official Full Name	CDK-activating kinase assembly factor MAT1 isoform 2
NCBI Official Synonym Full Names	MNAT1, CDK activating kinase assembly factor
NCBI Official Symbol	MNAT1
NCBI Official Synonym Symbols	MAT1; TFB3; CAP35; RNF66
NCBI Protein Information	CDK-activating kinase assembly factor MAT1
UniProt Protein Name	CDK-activating kinase assembly factor MAT1
UniProt Gene Name	MNAT1
UniProt Synonym Gene Names	CAP35; MAT1; RNF66
UniProt Entry Name	MAT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mnat1-antibody-immunohistochemistry-western-blot-elisa/46322>