

Datasheet for ABIN3043583
anti-MNAT1 antibody (AA 92-278)

4 Images

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Overview

Quantity:	100 µg
Target:	MNAT1
Binding Specificity:	AA 92-278
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for CDK-activating kinase assembly factor MAT1(MNAT1) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	E.coli-derived human MNAT1 recombinant protein (Position: L92-A278). Human MNAT1 shares 93% amino acid (aa) sequence identity with mouse MNAT1.
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	<p>Rabbit IgG polyclonal antibody for CDK-activating kinase assembly factor MAT1(MNAT1) detection. Tested with WB, IHC-P in Human,Mouse,Rat.</p> <p>Gene Name: MNAT CDK-activating kinase assembly factor 1</p> <p>Protein Name: CDK-activating kinase assembly factor MAT1</p>
Purification:	Immunogen affinity purified.

Target Details

Target:	MNAT1
Alternative Name:	MNAT1 (MNAT1 Products)
Background:	<p>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 TFIIH to activate transcription by RNA polymerase II. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Synonyms: MNAT 1 antibody MNAT 1 antibody CAP35 antibody CDK activating kinase assembly factor MAT1 antibody CDK-activating kinase assembly factor MAT1 antibody CDK7/cyclin H assembly factor antibody CDK7/cyclin-H assembly factor antibody Cyclin G1 interacting protein antibody Cyclin-G1-interacting protein antibody MAT1 antibody MAT1_HUMAN antibody Menage a trois 1 (CAK assembly factor) antibody Menage a trois antibody Menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis) antibody MNAT CDK activating kinase assembly factor 1 antibody Mnat1 antibody p35 antibody p36 antibody RING finger protein 66 antibody RING finger protein MAT1 antibody RNF66 antibody TFB3 antibody</p>
Gene ID:	4331
UniProt:	P51948
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases , M Phase

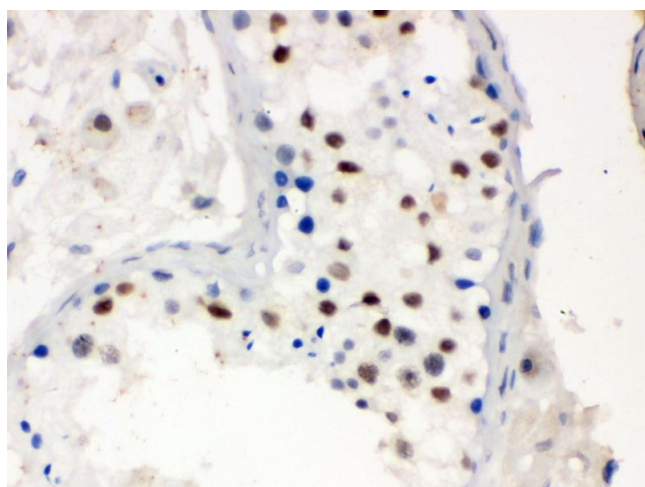
Application Details

Application Notes:	<p>WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human, Rat</p> <p>IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Mouse, Rat, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.</p> <p>Notes: Tested Species: Species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.</p>
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

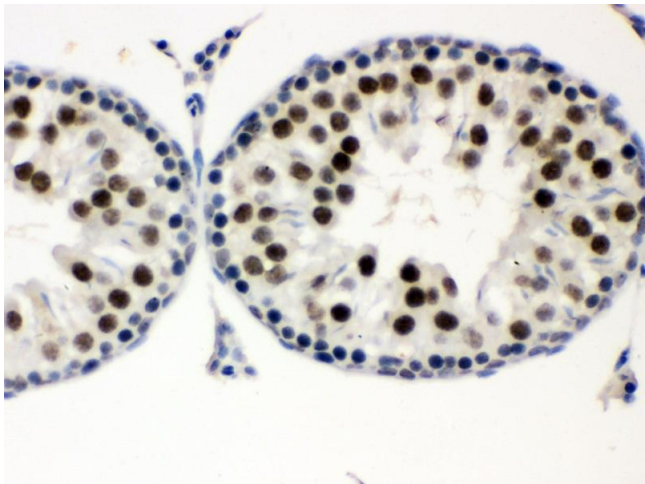
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.

Images



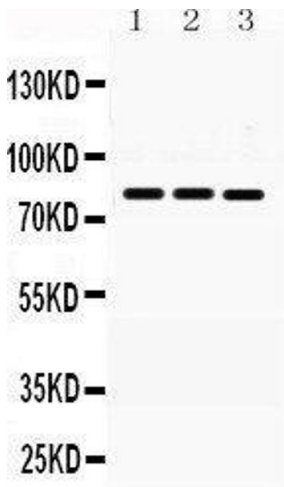
Immunohistochemistry

Image 1. Anti- MNAT1 Picoband antibody, IHC(P) IHC(P):
Human Testis Tissue



Immunohistochemistry

Image 2. Anti- MNAT1 Picoband antibody, IHC(P) IHC(P):
Rat Testis Tissue



Western Blotting

Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN3043583.