

Anti-MNAT1 antibody ab175398

1 Image

Overview

Product name	Anti-MNAT1 antibody
Description	Rabbit polyclonal to MNAT1
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	<p>Recombinant full length protein corresponding to Human MNAT1 aa 1-309. Sequence:</p> <p>MDDQGCPCKTTKYRNPSLKMVNVCGHTLCESCVDLLF VRGAGNCPECG TPLRKS NFRVQLFEDPTVDKEVEIRKKVLKIYNKREDFPS LREYND FLE EVEEIVFNLTNNVDLDNTKKKMEIQKENKDVIQKNKLKLT REQEELEEA LEVERQENEQRRLFIQKEEQQLQILKRKNKQAFLDELESS DLPVALLLAQ HKDRSTQLEMQLEKPKPVKPVTFSTGIKMGQHISLAPIHKL EEALYEQP LQIETYGPHVPELEMLGRLGYLNHVRAASPQDLAGGYTSS LACHRALQDA FSGLFWQPS</p> <p>Database link: P51948</p> <div>  Run BLAST with  Run BLAST with </div>
Positive control	A431 and Hela cell extracts.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 49% PBS, 50% Glycerol
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

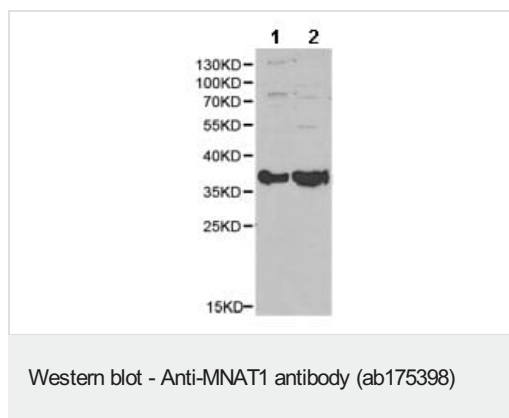
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175398 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 36 kDa.

Target

Function	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-terminus 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.
Tissue specificity	Highest levels in colon and testis. Moderate levels are present thymus, prostate, ovary, and small intestine. The lowest levels are found in spleen and leukocytes.
Sequence similarities	Contains 1 RING-type zinc finger. Contains 1 UIM (ubiquitin-interacting motif) repeat.
Cellular localization	Nucleus.

Images



All lanes : Anti-MNAT1 antibody (ab175398) at 1/500 dilution

Lane 1 : A431 cell extract

Lane 2 : Hela cell extract

Predicted band size: 36 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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