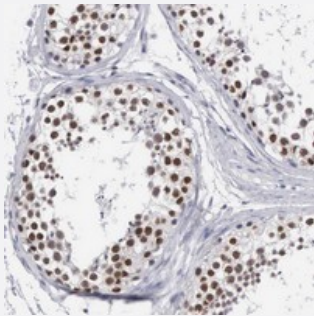


MNAT1 polyclonal antibody

Catalog # PAB19992 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with MNAT1 polyclonal antibody (Cat # PAB19992) shows strong nuclear positivity in cells in seminiferous ducts at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MNAT1.
Immunogen	Recombinant protein corresponding to amino acids of human MNAT1.
Sequence	LDELESSDLPVALLLAQHKDRSTQLEMQLKPKPKVPVTFSTGIKMGQHISLAPIHKLEEALYEQ PLQIETYGPHVPELEMLGRLGYLNHVRAASPQDLA
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — MNAT1

Entrez GeneID[4331](#)**Protein Accession#**[P51948](#)**Gene Name**

MNAT1

Gene Alias

MAT1, RNF66, TFB3

Gene Description

menage a trois homolog 1, cyclin H assembly factor (Xenopus laevis)

Omim ID[602659](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Cyclin-dependent kinases (CDKs), which play an essential role in cell cycle control of eukaryotic cells, are phosphorylated and thus activated by the CDK-activating kinase (CAK). CAK is a multisubunit protein that includes CDK7 (MIM 601955), cyclin H (CCNH; MIM 601953), and MAT1. MAT1 (for 'menage a trois-1') is involved in the assembly of the CAK complex.[supplied by OMIM]

Other Designations

cyclin G1 interacting protein|cyclin H assembly factor|menage a trois 1 (CAK assembly factor)

Pathway

- [Nucleotide excision repair](#)

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Recurrence](#)
- [Tobacco Use Disorder](#)