

# Geminin Rabbit mAb

Catalog # AP74815

## Product Information

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Application	WB
Primary Accession	<a href="#">O75496</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	23565

## Additional Information

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Gene ID	51053
Other Names	GMNN
Dilution	WB~~1/500-1/1000
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

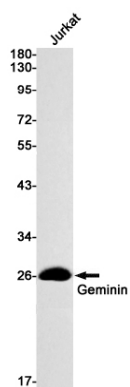
## Protein Information

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Name	GMNN
Function	Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC) (PubMed: <a href="#">14993212</a> , PubMed: <a href="#">20129055</a> , PubMed: <a href="#">24064211</a> , PubMed: <a href="#">9635433</a> ). It is degraded during the mitotic phase of the cell cycle (PubMed: <a href="#">14993212</a> , PubMed: <a href="#">24064211</a> , PubMed: <a href="#">9635433</a> ). Its destruction at the metaphase- anaphase transition permits replication in the succeeding cell cycle (PubMed: <a href="#">14993212</a> , PubMed: <a href="#">24064211</a> , PubMed: <a href="#">9635433</a> ). Inhibits histone acetyltransferase activity of KAT7/HBO1 in a CDT1-dependent manner, inhibiting histone H4 acetylation and DNA replication licensing (PubMed: <a href="#">20129055</a> ). Inhibits the transcriptional activity of a subset of Hox proteins, enrolling them in cell proliferative control (PubMed: <a href="#">22615398</a> ).
Cellular Location	Cytoplasm. Nucleus. Note=Mainly cytoplasmic but can be relocalized to the nucleus.

## Images

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