

Geminin Rabbit mAb

Catalog # AP74815

Product Information

Application	WB
Primary Accession	O75496
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	23565

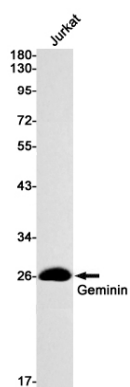
Additional Information

Gene ID	51053
Other Names	GMNN
Dilution	WB~~1/500-1/1000
Format	Liquid

Protein Information

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

Images



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