

Geminin Rabbit mAb
Catalog # AP74815**Specification**

Geminin Rabbit mAb - Product Information

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

Geminin Rabbit mAb - Additional Information**Gene ID** 51053**Other Names**
GMNN**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Geminin Rabbit mAb - Protein Information****Name** GMNN**Function**

Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC) (PubMed: [14993212](http://www.uniprot.org/citations/14993212)), PubMed: [20129055](http://www.uniprot.org/citations/20129055), PubMed: [24064211](http://www.uniprot.org/citations/24064211), PubMed: [9635433](http://www.uniprot.org/citations/9635433)). It is degraded during the mitotic phase of the cell cycle (PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [24064211](http://www.uniprot.org/citations/24064211), PubMed: [9635433](http://www.uniprot.org/citations/9635433)). Its destruction at the metaphase- anaphase transition permits replication in the succeeding cell cycle (PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [24064211](http://www.uniprot.org/citations/24064211), PubMed: [9635433](http://www.uniprot.org/citations/9635433)). Inhibits histone acetyltransferase activity of KAT7/HBO1 in a CDT1-dependent manner, inhibiting histone H4 acetylation and DNA replication licensing (PubMed: [20129055](http://www.uniprot.org/citations/20129055)). Inhibits the transcriptional activity of a subset of Hox proteins, enrolling them in cell proliferative control (PubMed: [22615398](http://www.uniprot.org/citations/22615398)).

Cellular Location

Cytoplasm. Nucleus. Note=Mainly cytoplasmic but can be relocalized to the nucleus.

Geminin Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Geminin Rabbit mAb - Images