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Anti-Geminin Antibody (aa50-100)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18457

Product Information

Application	WB, IHC-P, E, FC
Primary Accession	O75496
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23565
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	51053
Alias Symbol	GMNN
Other Names	GMNN, Geminin
Target/Specificity	Endogenous levels of human geminin protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-Geminin Antibody (aa50-100) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GMNN
Function	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).
Cellular Location	Cytoplasm. Nucleus. Note=Mainly cytoplasmic but can be relocalized to the nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.