

GMNN Antibody (Center Y111) Blocking peptide
Synthetic peptide
Catalog # BP5227c**Specification**

GMNN Antibody (Center Y111) Blocking peptide - Product InformationPrimary Accession [O75496](#)**GMNN Antibody (Center Y111) Blocking peptide - Additional Information**

Gene ID 51053

Other Names
Geminin, GMNN**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GMNN Antibody (Center Y111) Blocking peptide - Protein Information**Name** GMNN**Function**

Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC) (PubMed: [9635433](http://www.uniprot.org/citations/9635433), PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [20129055](http://www.uniprot.org/citations/20129055), PubMed: [24064211](http://www.uniprot.org/citations/24064211)). It is degraded during the mitotic phase of the cell cycle (PubMed: [9635433](http://www.uniprot.org/citations/9635433), PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [24064211](http://www.uniprot.org/citations/24064211)). Its destruction at the metaphase-anaphase transition permits replication in the succeeding cell cycle (PubMed: [9635433](http://www.uniprot.org/citations/9635433), PubMed: [14993212](http://www.uniprot.org/citations/14993212), PubMed: [24064211](http://www.uniprot.org/citations/24064211)). 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)).

target="_blank">22615398).

Cellular Location

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

GMNN Antibody (Center Y111) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

GMNN Antibody (Center Y111) Blocking peptide - Images