

Product datasheet for TA362603

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Geminin (GMNN) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human GMNN

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity purified
Conjugation: Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 22 kDa

Gene Name: geminin, DNA replication inhibitor

Database Link: NP 001238918.1

Entrez Gene 51053 Human

075496

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Background: This gene encodes a protein that plays a critical role in cell cycle regulation. The encoded

> protein inhibits DNA replication by binding to DNA replication factor Cdt1, preventing the incorporation of minichromosome maintenance proteins into the pre-replication complex. The encoded protein is expressed during the S and G2 phases of the cell cycle and is degraded by the anaphase-promoting complex during the metaphase-anaphase transition.

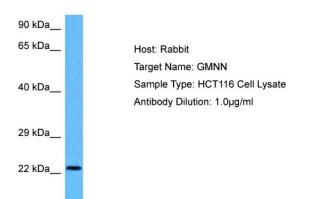
> Increased expression of this gene may play a role in several malignancies including colon, rectal and breast cancer. Alternatively spliced transcript variants have been observed for this

gene, and two pseudogenes of this gene are located on the short arm of chromosome 16.

Synonyms: Gem; geminin; RP3-369A17.3

Protein Families: Druggable Genome, Stem cell - Pluripotency

Product images:



Host: Rabbit Target Name: GMNN

Sample Tissue: Human HCT116 Whole Cell

lysates

Antibody Dilution: 1ug/ml