

Rabbit anti-Human Geminin Polyclonal Antibody | anti-GMNN antibody

Rabbit anti-Geminin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211234	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

Geminin; Polyclonal Antibody; Rabbit anti-Geminin Antibody; Affinity Purified; Gem; geminin; MGORS6; DNA replication inhibitor; anti-GMNN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-GMNN antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 159 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Geminin by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-Geminin antibody AAA211234 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate (B). Geminin was also immunoprecipitated by rabbit anti-Geminin antibodies BL4159 and which recognize upstream epitopes. Detection: Chemiluminescence with exposure times of 10 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human Geminin by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Geminin (Cat. No. AAA211234 Lot1) used at a dilution of 1:5,000 (0.2 ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-GMNN antibody	Geminin has been identified as a protein that inhibits DNA replication during S, G2, and M phases in association with Cdt1 (chromatin licensing and DNA replication factor). Geminin prevents the binding of the MCM complex onto origins of replication, and its abundance is regulated by ubiquitin ligase activity of the APC/C (anaphase-promoting/cyclosome) complex.
Product Categories/Family for anti-GMNN antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705682
NCBI GeneID	51053
NCBI Accession #	NP_056979.1
NCBI GenBank Nucleotide #	NM_015895.4
UniProt Accession #	O75496; Q9H1Z1; B3KMM8
Molecular Weight	23,565 Da
NCBI Official Full Name	geminin
NCBI Official Synonym Full Names	geminin, DNA replication inhibitor
NCBI Official Symbol	GMNN
NCBI Official Synonym Symbols	Gem
NCBI Protein Information	geminin
UniProt Protein Name	Geminin
UniProt Gene Name	GMNN
UniProt Entry Name	GEMI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/geminin-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211234>