

Rabbit GMNN Polyclonal Antibody | anti-GMNN antibody

GMNN Antibody

CATALOG # AAA166447	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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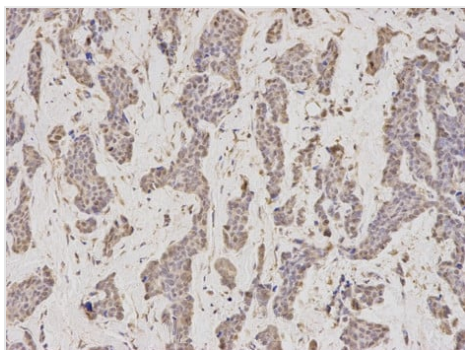
PRODUCT SYNONYMS

GMNN; Polyclonal Antibody; GMNN Antibody; Gem; anti-GMNN antibody

PRODUCT SPECIFICATIONS

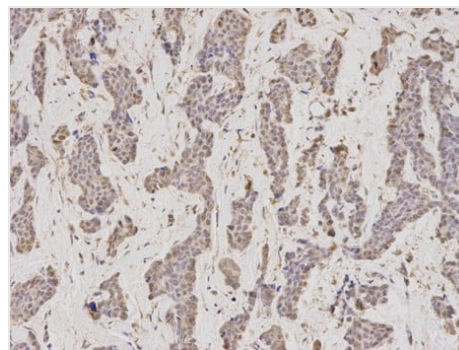
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	209
Applicable Applications for anti-GMNN antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human GMNN
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-8449 / sc-8450 / sc-8448 / sc-13015
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



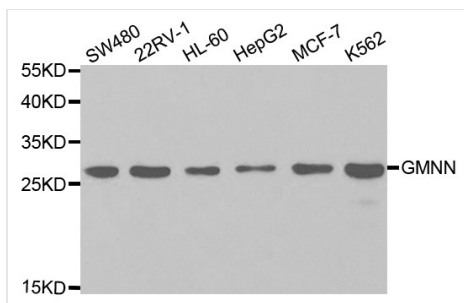
IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human breast cancer using GMNN antibody at dilution of 1:200 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemical of paraffin-embedded human liver cancer using GMNN antibody at dilution of 1:200 (200x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using GMNN antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GMNN antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20454908
NCBI GeneID	51053
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://www.aaabiotech.com/polyclonal/gmnn-antibody-immunohistochemistry-western-blot-elisa/166447>