

Datasheet for ABIN651420
anti-Geminin antibody (AA 96-123)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	Geminin (GMNN)
Binding Specificity:	AA 96-123
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Geminin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GMNN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 96-123 amino acids from the Central region of human GMNN.
Clone:	RB20074
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Geminin (GMNN)
Alternative Name:	GMNN (GMNN Products)

Target Details

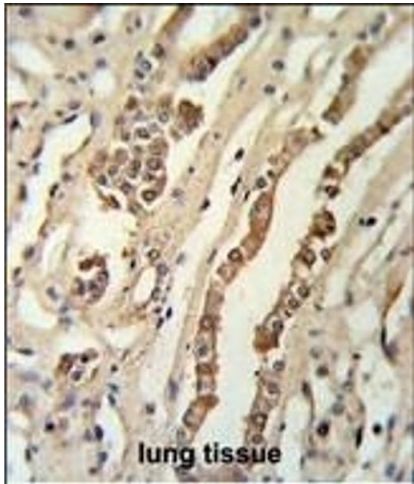
Background:	GMNN inhibits DNA replication by preventing the incorporation of MCM complex into prereplication complex (pre-RC). It is degraded during the mitotic phase of the cell cycle. Its destruction at the metaphase-anaphase transition permits replication in the succeeding cell cycle.
Molecular Weight:	23565
Gene ID:	51053
NCBI Accession:	NP_001238918 , NP_001238919 , NP_001238920 , NP_056979
UniProt:	O75496
Pathways:	EGFR Signaling Pathway , DNA Replication

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

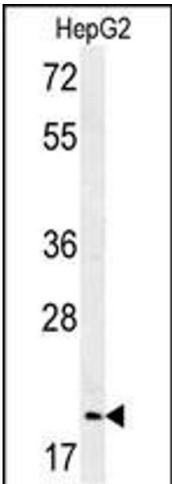
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GMNN Antibody (Center) (ABIN651420 and ABIN2840228) IHC analysis in formalin fixed and paraffin embedded lung tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GMNN Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of GMNN Antibody (Center) (ABIN651420 and ABIN2840228) in HepG2 cell line lysates (35 µg/lane).GMNN (arrow) was detected using the purified Pab.