

## Geminin Rabbit mAb

Catalog No: #52006

Package Size: #52006-1 50ul #52006-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

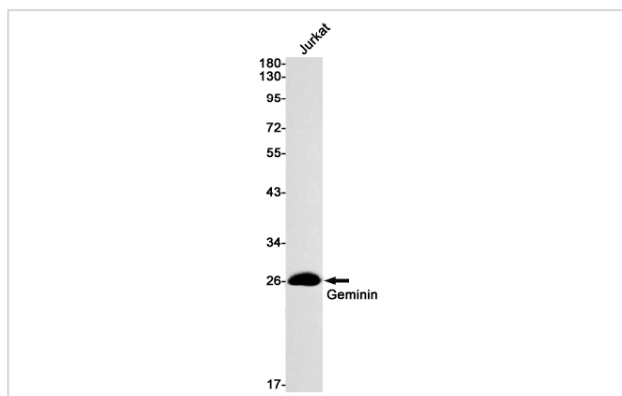
## Description

Product Name	Geminin Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S08-1F8
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant protein of human Geminin
Conjugates	Unconjugated
Modification	Unmodification
Other Names	Gem; Geminin; GMNN;
Accession No.	Swiss-Prot:O75496GeneID:51053
Uniprot	O75496
GeneID	51053
Calculated MW	Calculated MW: 24 kDa; Observed MW: 24 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000

## Images



Western blot detection of Geminin in Jurkat cell lysates using Geminin Rabbit mAb(1:1000 diluted). Predicted band size:24kDa. Observed band size:24kDa.

## Background

---

Swiss-Prot Acc.O75496.Inhibits DNA replication by preventing the incorporation of MCM complex into pre-replication complex (pre-RC) (PubMed:9635433, PubMed:14993212, PubMed:20129055, PubMed:24064211).

It is degraded during the mitotic phase of the cell cycle (PubMed:9635433, PubMed:14993212, PubMed:24064211).

Its destruction at the metaphase-anaphase transition permits replication in the succeeding cell cycle (PubMed:9635433, PubMed:14993212, PubMed:24064211).

Inhibits histone acetyltransferase activity of KAT7/HBO1 in a CDT1-dependent manner, inhibiting histone H4 acetylation and DNA replication licensing (PubMed:20129055).

---

Note: This product is for in vitro research use only