

Product datasheet

Anti-Geminin antibody ab175799

★★★★☆ 1 Abreviews 2 References 4 Images

Overview

Product name	Anti-Geminin antibody
Description	Rabbit polyclonal to Geminin
Host species	Rabbit
Tested applications	Suitable for: WB, IP, ICC/IF, IHC-P
Species reactivity	Reacts with: Mouse, Human
Immunogen	Full length protein corresponding to Human Geminin.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	Constituent: Water
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab175799** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★☆	Use at an assay dependent concentration. Predicted molecular weight: 24 kDa.
IP		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
IHC-P		1/1000.

Target

Function

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.

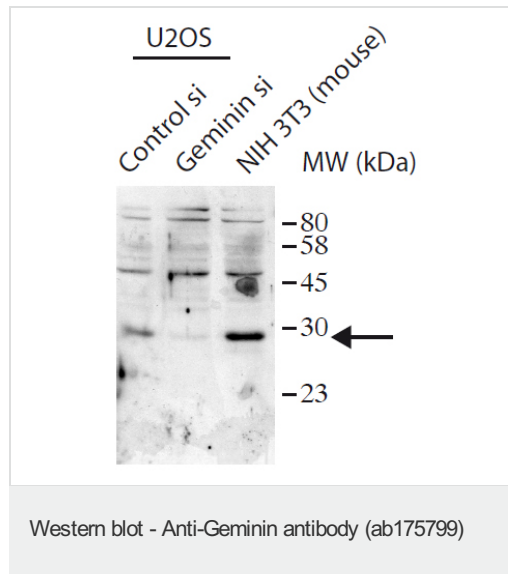
Sequence similarities

Belongs to the geminin family.

Developmental stage

Absent during G1 phase, accumulates during S, G2, and M phases, and disappears at the time of the metaphase-anaphase transition.

Images



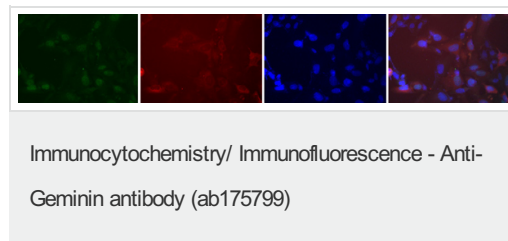
All lanes : Anti-Geminin antibody (ab175799)

Lane 1 : Control si

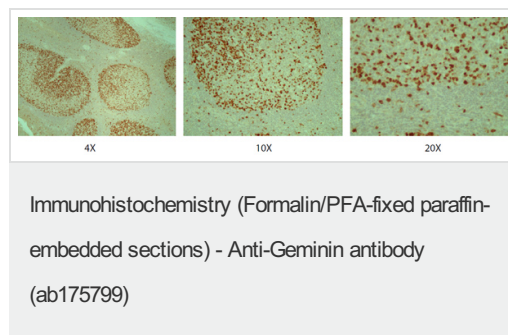
Lane 2 : Geminin si

Lane 3 : NIH 3T3 cell lysate at 40 μ g

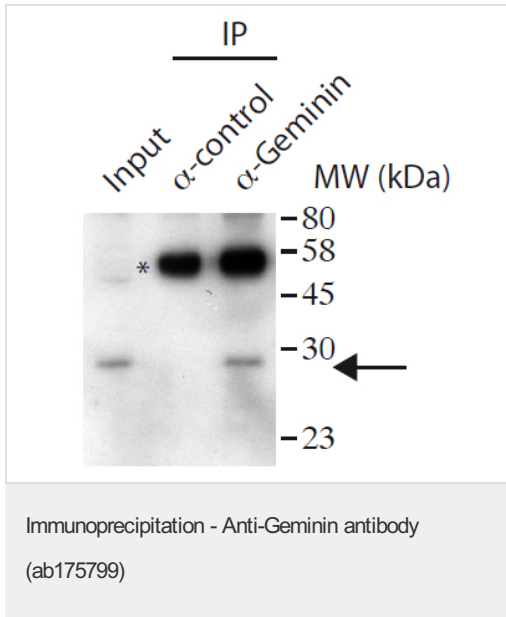
Predicted band size: 24 kDa



Immunocytochemistry/Immunofluorescence analysis of U2OS cells labelling Geminin with ab175799 at 1:1000. Cells were fixed with PFA and permeabilized with methanol for 2 minutes. Cells were incubated with the primary antibody overnight at room temperature. From left to right - Geminin, CyclinB, DAPI, Merge.



Immunohistochemistry (formalin/PFA-fixed paraffin-embedded) analysis of Human lymphoid tissue labelling Geminin with ab175799 at 1:1000. Antigen retrieval was by microwave boiling for 7 minutes in 10mM TrisHCl, pH9. Left - 4X, Middle - 10X, Right - 20X.



Immunoprecipitation analysis of U2OS cells labelling Geminin with ab175799. Protein A beads were crosslinked to the serum.

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