

GINS3 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20401b

Specification

GINS3 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9BRX5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	24535
Antigen Region	190-216

GINS3 Antibody (C-term) - Additional Information

Gene ID 64785

Other Names

DNA replication complex GINS protein PSF3, GINS complex subunit 3, GINS3, PSF3

Target/Specificity

This GINS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 190-216 amino acids from the C-terminal region of human GINS3.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GINS3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GINS3 Antibody (C-term) - Protein Information

Name GINS3 ([HGNC:25851](#))

Synonyms PSF3

Function Required for correct functioning of the GINS complex, a complex that plays an essential role in the initiation of DNA replication, and progression of DNA replication forks (PubMed:[17417653](#), PubMed:[28414293](#)). GINS complex is a core component of CDC45-MCM-GINS (CMG) helicase, the molecular machine that unwinds template DNA during replication, and around which the replisome is built (PubMed:[32453425](#), PubMed:[34694004](#), PubMed:[34700328](#), PubMed:[35585232](#)).

Cellular Location

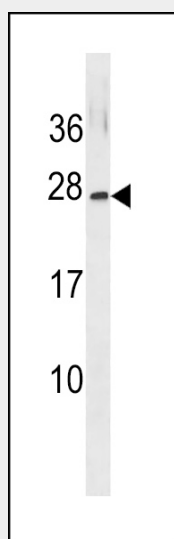
Nucleus. Chromosome. Note=Associates with chromatin

GINS3 Antibody (C-term) - Protocols

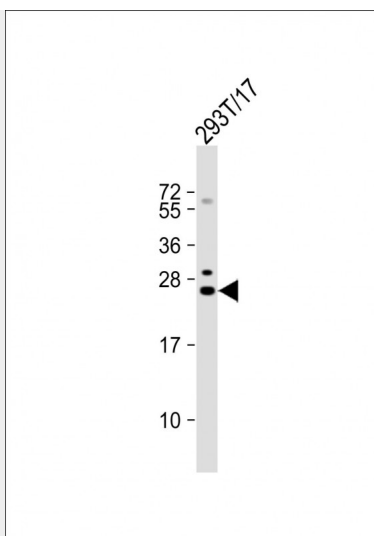
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GINS3 Antibody (C-term) - Images



GINS3 Antibody (C-term) (Cat. #AP20401b) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the GINS3 antibody detected the GINS3 protein (arrow).



Anti-GINS3 Antibody (C-term) at 1:1000 dilution + 293T/17 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 25 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

GINS3 Antibody (C-term) - Background

The GINS complex plays an essential role in the initiation of DNA replication, and progression of DNA replication forks. GINS complex seems to bind preferentially to single-stranded DNA.