



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

p21 Cip1 antibody [GT1032]

Cat No. GTX629543

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse

Reference (5)

★★★★★ Review (3)

Package

25 µl, 100 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

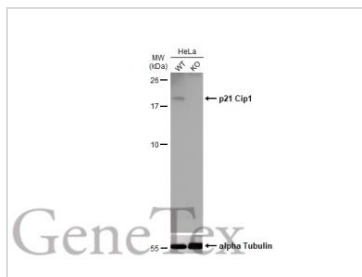
Calculated MW 18 kDa. ([Note](#))

PROPERTIES

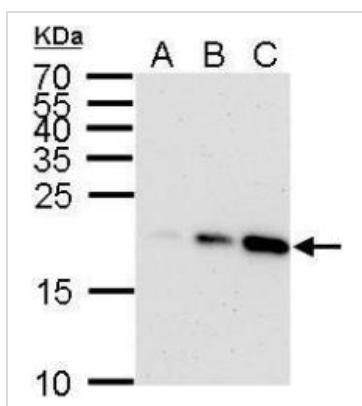
Form	Liquid
Buffer	PBS
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.45 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human p21 Cip1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



For full product information, images and publications, please visit our [website](#).

DATA IMAGES

GTX629543 WB Image

Wild-type (WT) and p21 Cip1 knockout (KO) HeLa cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with p21 Cip1 antibody [GT1032] (GTX629543) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.


GTX629543 WB Image

p21 Cip1 antibody [GT1032] detects p21 Cip1 protein by western blot analysis.

A. 30 µg HCT116 whole cell lysate/extract (untreated)

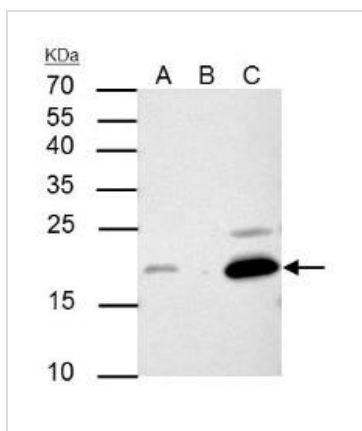
B. 30 µg HCT116 whole cell lysate/extract (30 µM Cisplatin treatment for 24 hr)

C. 30 µg HCT116 whole cell lysate/extract (30 µM Cisplatin treatment for 48 hr)

15% SDS-PAGE

p21 Cip1 antibody [GT1032] (GTX629543) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


GTX629543 IP Image

p21 Cip1 antibody [GT1032] immunoprecipitates CDKN1A protein in IP experiments.

IP samples: HCT-116 whole cell extract treat with 30uM cisplatin for 48 hr

A. 30 µg HCT-116 whole cell extract treat with 30uM cisplatin for 48 hr

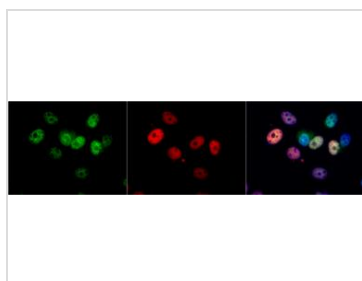
B. Control with 4 µg of preimmune Mouse IgG

C. Immunoprecipitation of CDKN1A protein by 4 µg p21 Cip1 antibody [GT1032] (GTX629543)

15 % SDS-PAGE

The immunoprecipitated CDKN1A protein was detected by p21 Cip1 antibody [GT1032] (GTX629543) diluted at 1:1000.

[EasyBlot anti-mouse IgG (GTX221667-01) was used as a secondary reagent]


GTX629543 ICC/IF Image

p21 Cip1 antibody [GT1032] detects p21 Cip1 protein at nucleus by immunofluorescent analysis.

Sample: MCF7 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: CDK4 protein stained by CDK4 antibody (GTX102993) diluted at 1:1000.

Red: p21 Cip1 protein stained by p21 Cip1 antibody [GT1032] (GTX629543) diluted at 1:500.

Blue: Hoechst 33342 staining.



For full product information, images and publications, please visit our [website](https://www.genetex.com).