

CDKN2A (isoform 3) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF2493a**Specification**

CDKN2A (isoform 3) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P42771
Other Accession	NP_478104.1 , 1029
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	16533

CDKN2A (isoform 3) Antibody (internal region) - Additional Information**Gene ID** 1029**Other Names**

Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3, Cyclin-dependent kinase 4 inhibitor A, CDK4I, Multiple tumor suppressor 1, MTS-1, p16-INK4a, p16-INK4, p16INK4A, CDKN2A, CDKN2, MTS1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

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.

Precautions

CDKN2A (isoform 3) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

CDKN2A (isoform 3) Antibody (internal region) - Protein Information**Name** CDKN2A ([HGNC:1787](#))**Synonyms** CDKN2, MTS1**Function**

Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4

and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific

CDKN2A (isoform 3) Antibody (internal region) - 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](#)

CDKN2A (isoform 3) Antibody (internal region) - Images

EB07091 (1 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

CDKN2A (isoform 3) Antibody (internal region) - Background

This antibody is expected to recognize the pancreas isoform (NP_478104.1) only.

CDKN2A (isoform 3) Antibody (internal region) - References

p14ARF induces G2 cell cycle arrest in p53- and p21-deficient cells by down-regulating p34cdc2 kinase activity. Normand G, Hemmati PG, Verdoodt B, von Haefen C, Wendt J, Guner D, May E, Dorken B, Daniel PT. J Biol Chem. 2005 Feb 25;280(8):7118-30. Epub 2004 Dec 6. PMID: 15582998