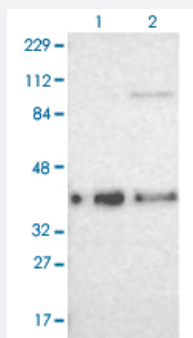


CDKN1C polyclonal antibody

Catalog # PAB29381

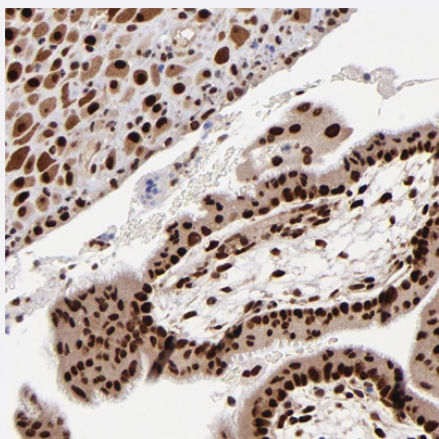
Size 100 uL

Applications



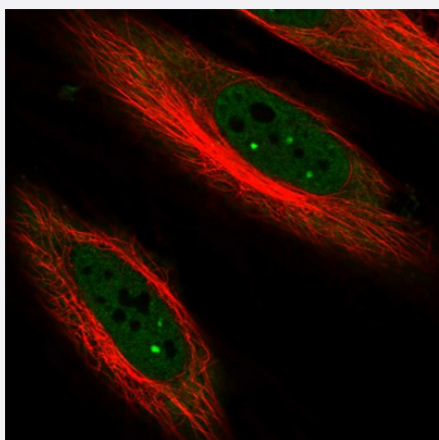
Western Blot (Cell lysate)

Western blot analysis of Lane 1: Human cell line RT-4 Lane 2: Human cell line U-251MG sp with CDKN1C polyclonal antibody (Cat # PAB29381) at 1:100-1:250 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta with CDKN1C polyclonal antibody (Cat # PAB29381) shows strong nuclear positivity in trophoblastic cells and decidual cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line HeLa with CDKN1C polyclonal antibody (Cat # PAB29381) at 1-4 ug/mL concentration shows positivity in nucleus but excluded from the nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant human CDKN1C.
Immunogen	Recombinant protein corresponding to human CDKN1C.
Sequence	TMERLVARGTFPVLVRTSACRSLFGPVDHEELSRELQARLAELNAEDQNRWDYDFQQDMPLRG PGRLQWTEVDSDSVPAFYRETQVGRCRLLLAPRPVAVAVAVSPPLEPAAESLDGLEEAPEQL PSVPVP
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: Human cell line RT-4 Lane 2: Human cell line U-251MG sp with CDKN1C polyclonal antibody (Cat # PAB29381) at 1:100-1:250 dilution.

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Gene Info — CDKN1C

Entrez GeneID [1028](#)

Gene Name CDKN1C

Gene Alias BWCR, BWS, KIP2, WBS, p57

Gene Description cyclin-dependent kinase inhibitor 1C (p57, Kip2)

Omim ID [130650 600856](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000011736|cyclin-dependent kinase inhibitor 1C

Pathway

- [Cell cycle](#)

Disease

- [Atherosclerosis](#)
- [Birth Weight](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)

- [Lung Neoplasms](#)
- [Multiple endocrine neoplasia](#)
- [Multiple Endocrine Neoplasia Type 1](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)