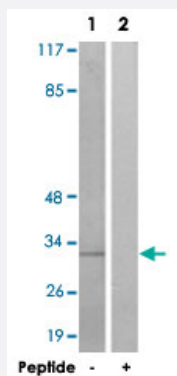


CDKN1C polyclonal antibody

Catalog # PAB18370

Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from K-562 cells, using CDKN1C polyclonal antibody (Cat # PAB18370).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CDKN1C.
Immunogen	A synthetic peptide corresponding to residues surrounding T310 of human CDKN1C.
Host	Rabbit
Reactivity	Human, Mouse
Specificity	This antibody is specific to CDKN1C.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)

Storage Instruction

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 extracts from K-562 cells, using CDKN1C polyclonal antibody (Cat # PAB18370).
Peptide "+" means "peptide blocking".

- Immunofluorescence

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CDKN1C

Entrez GeneID [1028](#)

Protein Accession# [P49918](#)

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](#)