

p57/KIP2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251189

Unit: 0.1 mg

Description:

p57/KIP2 is a potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to a lesser extent, of the mitotic cyclin B-CDC2. p57/KIP2 is a negative regulator of cell proliferation and plays a role in the maintenance of the non-proliferative state throughout life. Defects in CDKN1C are a cause of Beckwith-Wiedemann syndrome (BWS). BWS is a genetically heterogeneous disorder characterized by anterior abdominal wall defects including exomphalos (omphalocele), pre- and postnatal overgrowth, and macroglossia.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, R, Sh

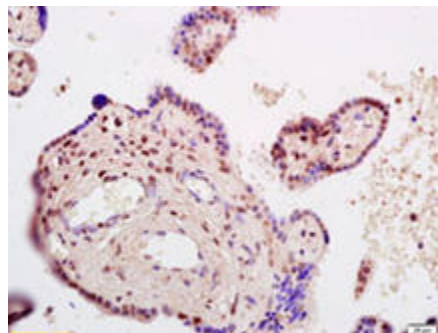
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Cdkn1c; p57/Kip2; p57; KIP2; Cyclin-dependent kinase inhibitor 1C; Cyclin-dependent kinase inhibitor p57; p57KIP2

Accession No.: P49918

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of rat p57/KIP2 A.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



p57/KIP2 staining in human placenta. Formalin-fixed paraffin-embedded human placenta tissue is stained with p57/KIP2 Antibody (Cat. No. 251189) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.