

p57 Kip2 (Phospho-T310) polyclonal antibody

Catalog: BS64531

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

p57 / Kip 2 (or CDKN 1C) is a potent tight binding inhibitor of several G1 cyclin complexes, and is a negative regulator of cell proliferation. The gene encoding human p57 / Kip 2 is located on chromosome 11p15.5, a region implicated in both sporadic cancers, Wilm's tumor, and Beckwith Wiedemann syndrome (BWS, a cancer syndrome) making it a tumor suppressor candidate. BWS is characterized by numerous growth abnormalities and an increased risk of childhood tumors. Several types of childhood tumors including Wilms' tumor, adrenocortical carcinoma and rhabdomyosarcoma display a specific loss of maternal 11p15 alleles, suggesting that genomic imprinting plays an important part. This region also contains two other imprinted genes, insulin like growth factor II (IGF II) and H19, both of which seem to be implicated in adrenal neoplasms.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 50 kDa

Swiss-Prot:

P49918

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1:500~1:1000 IHC:1:50~1:200 IF:1:50~1:200

Storage&Stability:

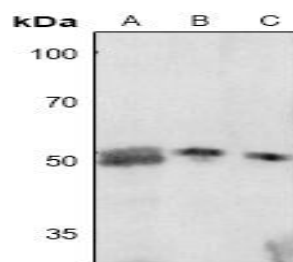
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p57 Kip2 (Phospho-T310) polyclonal antibody detects endogenous levels of p57

Kip2 protein only when phosphorylated at Thr310.

DATA:



Western blot (WB) analysis of p57 Kip2 (Phospho-T310) polyclonal antibody at 1:500 dilution

LaneA:K562 whole cell lysate

LaneB:Hela whole cell lysate

LaneC:HEK293T whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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