bs-3713R

[Primary Antibody]

BIOSS ANTIBODIES

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phospho-p57 Kip2 (Thr310) Rabbit pAb

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 1028 **SWISS:** P49918

Target: p57 Kip2 (Thr310)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human

p57 Kip2 around the phosphorylation site of Thr310: EQ(p-T)PR.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: This gene is imprinted, with preferential expression of the maternal

allele. The encoded protein 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 syndorome, 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, Oct 2010].

Applications: IHC-P (1:100-500)

IHC-F (1:100-500) **IF** (1:100-500)

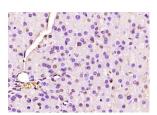
Reactivity: Mouse (predicted: Human,

Rat)

Predicted MW.: 35 kDa

Subcellular Nucleus

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Phospho-p57 Kip2 (Thr310)) Polyclonal Antibody, Unconjugated (bs-3713R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.