

CDKN2B/p15 INK4b Rabbit pAb

Catalog Number: bs-4269R

Target Protein: CDKN2B/p15 INK4b

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Rat (predicted: Human, Mouse, Rabbit, Cow, Chicken, Dog)

Predicted MW: 15 kDa

Entrez Gene: 1030

Swiss Prot: P42772

Source: KLH conjugated synthetic peptide derived from human CDKN2B: 65-138/138.

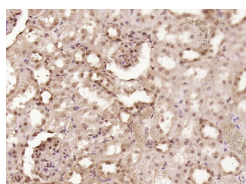
Purification: affinity purified by Protein A

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: p15 INK4b / MTS 2 (Mitotic Inhibitor / Suppressor Protein) is a specific inhibitor of cdk 4 / cdk 6 and is periodically expressed during the cell cycle. Reportedly, p15 INK4b expression is induced approximately 30 fold in human keratinocytes by treatment with TGF beta, suggesting that p15 INK4b may act as an effector of TGF beta mediated cell cycle arrest. p15 INK4b is mapped to chromosome 9p21, a region of frequent loss in a wide variety of cancers.

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat kidney); 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 (CDKN2B) Polyclonal Antibody, Unconjugated (bs-4269R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.26] Tokumoto et al. Quiescence of adult oligodendrocyte precursor cells requires thyroid hormone and hypoxia to activate Runx1.

