

bs-4269R**[Primary Antibody]****CDKN2B/p15 INK4b Rabbit pAb****BioSS**
ANTIBODIES

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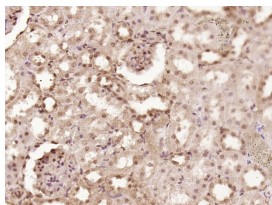
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— DATASHEET —

Host: Rabbit	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 Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 1030	SWISS: P42772	
Target: CDKN2B/p15 INK4b		
Immunogen: KLH conjugated synthetic peptide derived from human CDKN2B: 65-138/138.		
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: 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.

— SELECTED CITATIONS —

- **[IF=4.26]** Tokumoto et al. Quiescence of adult oligodendrocyte precursor cells requires thyroid hormone and hypoxia to activate Runx1. (2017) Sci.Re. 7:1019 ICC ;rat. 28432293