

# p15 INK4b Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51073

## Product Information

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<b>Application</b>	WB, ICC, IHC-P
<b>Primary Accession</b>	<a href="#">P42772</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	14722

## Additional Information

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<b>Gene ID</b>	1030
<b>Other Names</b>	Cyclin-dependent kinase 4 inhibitor B, Multiple tumor suppressor 2, MTS-2, p14-INK4b, p15-INK4b, p15INK4B, CDKN2B, MTS2
<b>Target/Specificity</b>	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p15 INK4b. The exact sequence is proprietary.
<b>Dilution</b>	WB~~1:1000 ICC~~N/A IHC-P~~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	CDKN2B
<b>Synonyms</b>	MTS2
<b>Function</b>	Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle arrest.
<b>Cellular Location</b>	Cytoplasm. Note=Also found in the nucleus
<b>Tissue Location</b>	Isoform 2 is expressed in normal (keratinocytes, fibroblasts) and tumor cell lines.

## Background

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Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle

arrest.

## References

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Hannon G.J.,et al.Nature 371:257-261(1994).  
Tsubari M.,et al.Cancer Res. 57:2966-2973(1997).  
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.  
Humphray S.J.,et al.Nature 429:369-374(2004).

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