

p15 INK4b Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51073

Specification

p15 INK4b Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	P42772
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	15 KDa

p15 INK4b Antibody - Additional Information

Gene ID 1030

Other Names

Cyclin-dependent kinase 4 inhibitor B, Multiple tumor suppressor 2, MTS-2, p14-INK4b, p15-INK4b, p15INK4B, CDKN2B, MTS2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p15 INK4b. The exact sequence is proprietary.

Dilution

WB~~1:1000
ICC~~N/A
IHC-P~~N/A
E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

p15 INK4b Antibody - Protein Information

Name CDKN2B

Synonyms MTS2

Function

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

Cellular Location

Cytoplasm. Note=Also found in the nucleus

Tissue Location

Isoform 2 is expressed in normal (keratinocytes, fibroblasts) and tumor cell lines.

p15 INK4b Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

p15 INK4b Antibody - Images

p15 INK4b Antibody - Background

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

p15 INK4b Antibody - References

Guan K.-L., et al. *Genes Dev.* 8:2939-2952(1994).
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).