

Rabbit p15 INK4b Polyclonal Antibody | anti-CDKN2B antibody

Anti-p15 INK4b Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17822	Rabbit	Human, Mouse, Rat, Monkey, Pig	Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

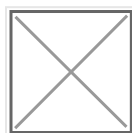
PRODUCT SYNONYMS

p15 INK4b; Polyclonal Antibody; Anti-p15 INK4b Antibody; MTS2; Cyclin-dependent kinase 4 inhibitor B; Multiple tumor suppressor 2; MTS-2; p14-INK4b; p15-INK4b; p15INK4B; anti-CDKN2B antibody

PRODUCT SPECIFICATIONS

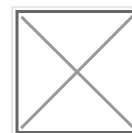
Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of p15 INK4b protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	138
Applicable Applications for anti-CDKN2B antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1/500 - 1/1000 IH: 1/50 - 1/100 IF/IC: 1/50 - 1/200 IP: (1/10-1/100)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p15 INK4b. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of p15 INK4b staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of p15 INK4b staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of p15 INK4b expression in HEK293T (A), HeLa (B), mouse liver (C) whole cell lysates.(Predicted band size: 14 kD; Observed band size: 15 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2B antibody	Rabbit polyclonal antibody to p15 INK4b
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17981694
NCBI GeneID	1030
NCBI Accession #	NP_004927.2
NCBI GenBank Nucleotide #	NM_004936.3
UniProt Accession #	P42772; O15125; Q6FI09; AAB32712
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor B isoform 1
NCBI Official Synonym Full Names	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
NCBI Official Symbol	CDKN2B
NCBI Official Synonym Symbols	P15; MTS2; TP15; CDK4I; INK4B; p15INK4b
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor B; MTS-2; p14-INK4b; p14_INK4B; p15-INK4b; p15_INK4B; CDK4B inhibitor; p14_CDK inhibitor; p15 CDK inhibitor; CDK inhibitory protein; multiple tumor suppressor 2; cyclin-dependent kinases 4 and 6 binding protein
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor B
UniProt Gene Name	CDKN2B
UniProt Synonym Gene Names	MTS2; MTS-2; p15INK4B
UniProt Entry Name	CDN2B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/p15-ink4b-antibody-western-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/17822>