

Datasheet for ABIN7295240
anti-CDKN2B antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	CDKN2B
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Pig, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human p15 INK4b.
Specificity:	Recognizes endogenous levels of p15 INK4b protein.
Characteristics:	Rabbit polyclonal antibody to p15 INK4b
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	CDKN2B
Alternative Name:	p15 INK4b (CDKN2B Products)

Target Details

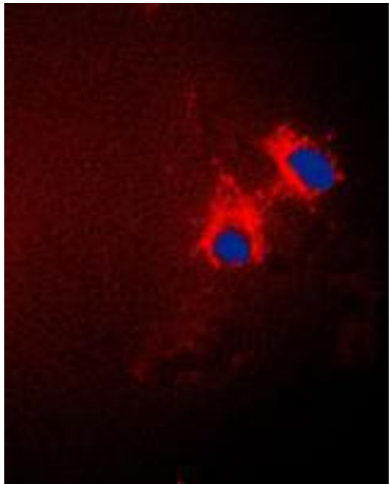
Background:	MTS2, Cyclin-dependent kinase 4 inhibitor B, Multiple tumor suppressor 2, MTS-2, p14-INK4b, p15-INK4b, p15INK4B
Gene ID:	1030, 12579, 25164
UniProt:	P42772 , P55271 , P55272
Pathways:	Cell Division Cycle , Mitotic G1-G1/S Phases

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

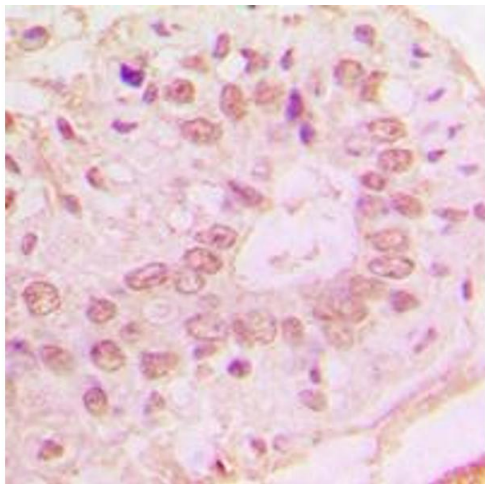
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



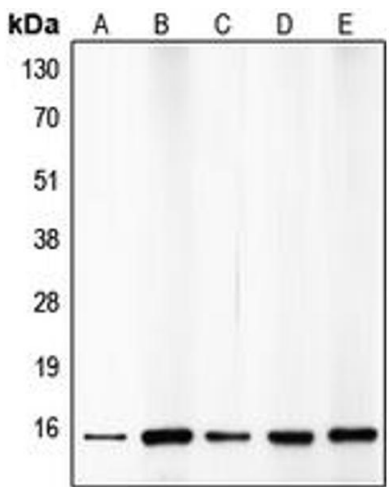
Immunofluorescence

Image 1. 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).



Immunohistochemistry

Image 2. 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.



Western Blotting

Image 3. Western blot analysis of p15 INK4b expression in HepG2 (A), A549 (B), HeLa (C), mouse brain (D), rat kidney (E) whole cell lysates.