

## Datasheet for ABIN706166 **anti-CDKN2B antibody**

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### 1 Image

#### Overview

Quantity:	100 µL
Target:	CDKN2B
Reactivity:	Human, Mouse, Rat, Dog, Cow, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDKN2B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

#### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CDKN2B
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Chicken, Dog (Canine), Cow (Bovine)
Purification:	purified by Protein A and peptide affinity chromatography

#### Target Details

Target:	CDKN2B
Alternative Name:	CDKN2B ( <a href="#">CDKN2B Products</a> )
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

## Target Details

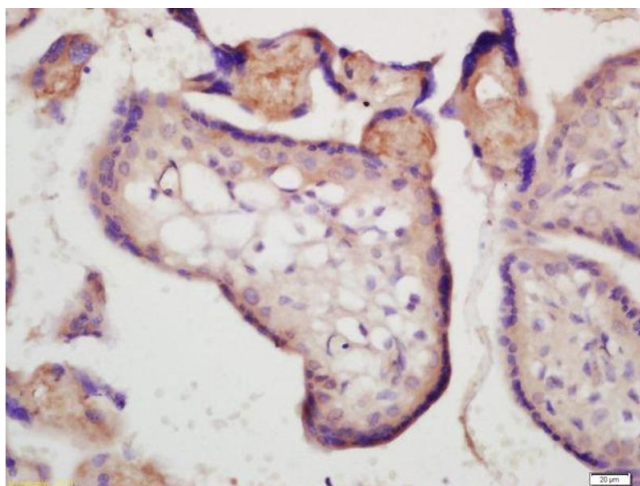
	INK4b may act as an effector of TGF beta mediated cell cycle arrest. p15 INK4b is mapped to chromosome 9p21, a region of frequent loss in a wide variety of cancers.
Molecular Weight:	15kDa
Gene ID:	1030
Pathways:	<a href="#">Cell Division Cycle, Mitotic G1-G1/S Phases</a>

## Application Details

Application Notes:	WB(1:100-500) Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 100 µg/mL BSA, 50 % glycerol and 0.09 % 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:	Store at -20 °C for 12 months
Expiry Date:	12 months



#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human placenta labeled with Anti-CDKN2B Polyclonal Antibody, Unconjugated (ABIN706166) at 1:200, followed by conjugation to the secondary antibody and DAB staining