

Rabbit anti-Human, Mouse p18 INK Polyclonal Antibody | anti-CDKN2C antibody

p18 INK Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321146	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

p18 INK; Polyclonal Antibody; p18 INK Antibody; CDK6 inhibitor p18; CDKN 2C; CDKN 6; Cdkn2c; CDKN6; CDN2C_HUMAN; Cyclin dependent inhibitor; Cyclin dependent kinase 4 inhibitor C; Cyclin dependent kinase 6 inhibitor; Cyclin dependent kinase 6 inhibitor p18; Cyclin dependent kinase inhibitor 2C (p18 inhibits CDK4); Cyclin dependent kinase inhibitor 2C; Cyclin-dependent kinase 4 inhibitor C; Cyclin-dependent kinase 6 inhibitor; INK4C; OTTHUMP00000046546; p18; p18 inhibits CDK4; p18 INK4c; p18 INK6; p18-INK4c; p18-INK6; anti-CDKN2C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	p18 INK antibody detects endogenous levels of p18 INK
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	168
Applicable Applications for anti-CDKN2C antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human p18 INK
Tissue Specificity	Highest levels found in skeletal muscle. Also found in pancreas and heart.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321146 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA321146 at 1/100 staining human skeletal muscle tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis on COS7 cell lysate using p18 INK Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-CDKN2C antibody

Function: Interacts strongly with CDK6, weakly with CDK4. Inhibits cell growth and proliferation with a correlated dependence on endogenous retinoblastoma protein RB.
Subunit Structure: Heterodimer of p18 with CDK6.
Similarity: Belongs to the CDKN2 cyclin-dependent kinase inhibitor family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502751
NCBI GeneID	1031
NCBI Accession #	NP_001253.1
NCBI GenBank Nucleotide #	NM_001262.2
UniProt Accession #	P42773; Q8TB83
Molecular Weight	Observed: 18 kDa Predicted: 19 kDa
NCBI Official Full Name	cyclin-dependent kinase 4 inhibitor C
NCBI Official Synonym Full Names	cyclin dependent kinase inhibitor 2C
NCBI Official Symbol	CDKN2C
NCBI Official Synonym Symbols	p18; INK4C; p18-INK4C
NCBI Protein Information	cyclin-dependent kinase 4 inhibitor C
UniProt Protein Name	Cyclin-dependent kinase 4 inhibitor C
UniProt Gene Name	CDKN2C
UniProt Synonym Gene Names	CDKN6

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/p18-ink-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321146>