

Anti-CDKN2C Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

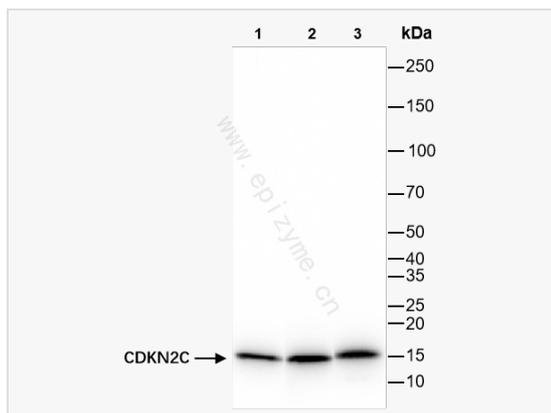
Catalog # R014007

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Rat, Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	70O86E69
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CDKN2C
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CDKN2C Rabbit mAb [70O86E69] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 18 kDa; Observed MW: 15 kDa
Uniprot ID	P42773
Gene ID	1031
Background	Interacts strongly with CDK6, weakly with CDK4. Inhibits cell growth and proliferation with a correlated dependence on endogenous retinoblastoma protein RB.
Tissue Location	Highest levels found in skeletal muscle. Also found in pancreas and heart.



Western Blot - Anti-CDKN2C Rabbit mAb [70O86E69]

All lanes: R014007 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: Rat heart whole tissue lysates

Lane 3: Rat spleen whole tissue lysates

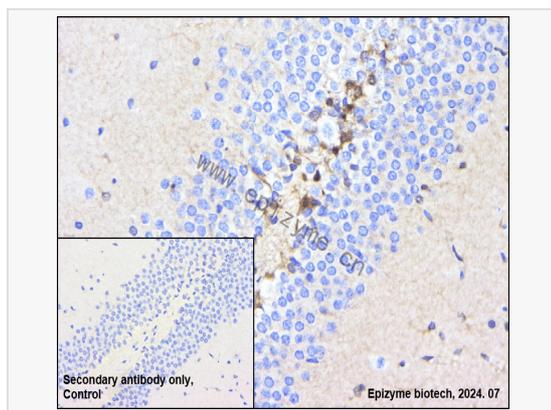
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 18 kDa

Observed band size: 15 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-CDKN2C Rabbit mAb [70O86E69]

Sample: Paraformaldehyde-fixed, paraffin embedded rat brain tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014007 at 1:200 dilution

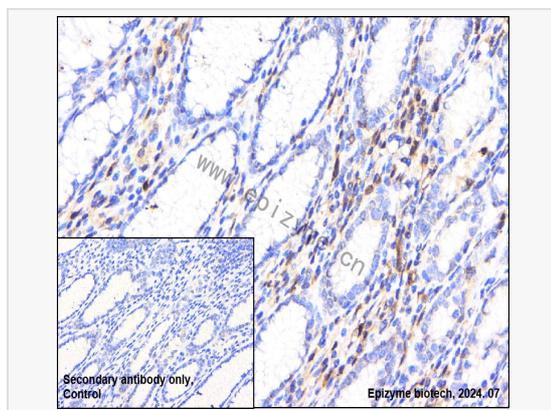
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-CDKN2C Rabbit mAb [70O86E69]

Sample: Paraformaldehyde-fixed, paraffin embedded human gastric cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014007 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.