


Anti-CDKN2A/p16INK4a antibody - N-terminal ab189034

★★★★★ [5 Abreviews](#) [58 References](#) [4 图像](#)

概述

产品名称	Anti-CDKN2A/p16INK4a抗体- N-terminal
描述	兔多克隆抗体to CDKN2A/p16INK4a - N-terminal
宿主	Rabbit
特异性	Expression levels of the CDKN2A/p16INK4a protein may vary with sample type. It's barely expressed in normal tissue, and mostly expressed in some tumour tissues, such as cervical cancer, breast cancer and so on. Moreover, only expressed in some cell lines. Please see images for recommended positive controls.
经测试应用	适用于: ICC/IF, WB, IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide corresponding to Human CDKN2A/p16INK4a (N terminal). 19 amino acid peptide. Database link: P42771
阳性对照	Human colon tissues. Human colon cells. Mouse colon tissue lysate.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% PBS
纯度	Immunogen affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab189034于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use a concentration of 20 µg/ml.
WB	★★★★★ (2)	Use a concentration of 1 - 2 µg/ml.
IHC-P	★★★★★ (2)	Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

靶标

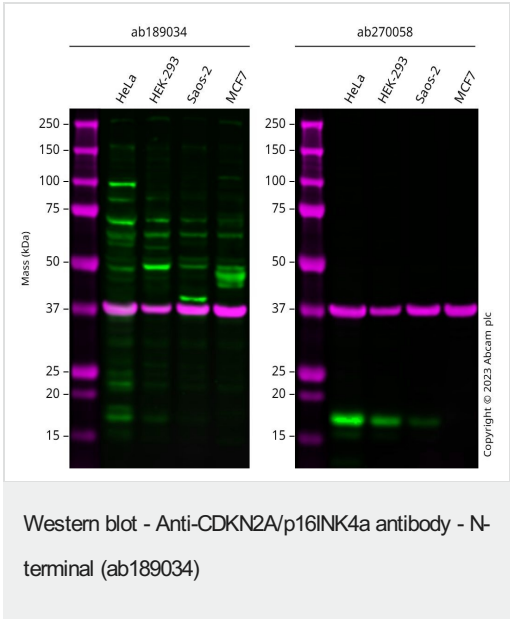
细胞定位

Cytoplasmic and Nuclear

形式

There are 4 isoforms produced by alternative splicing. Isoform 1 also known as: p16INK4a; Isoform 3 also known as: p12; Isoform 4 also known as: p14ARF; p19ARF; ARF.

图片



All lanes : Left: ab189034 at 2 ug/mL
Right: **ab270058** at 1000 dilution

Lane 1 : HeLa cell lysate
Lane 2 : HEK-293 cell lysate
Lane 3 : Saos-2 cell lysate
Lane 4 : MCF7 cell lysate

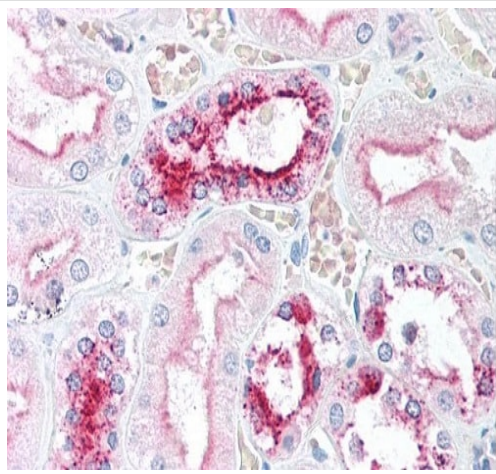
Lysates/proteins at 20 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

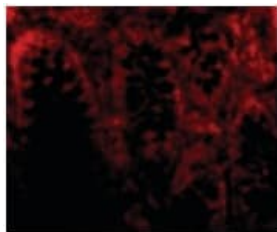
Observed band size: 17 kDa

Western blot: Anti-CDKN2A antibody (ab189034) staining at 2 $\mu\text{g/ml}$, shown in green; Mouse anti-GAPDH antibody [6C5] (**ab8245**) loading control staining at 1/20000 dilution, shown in magenta. In Western blot, ab189034 was shown to bind specifically to CDKN2A however we recommend using **ab270058** for more specific binding in Western blot. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 3% milk in TBS-0.1% Tween® 20 (TBS-T) before incubation with primary antibodies overnight at 4°C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L 800CW and Goat anti-Mouse IgG H&L 680RD at 1/20000 dilution.



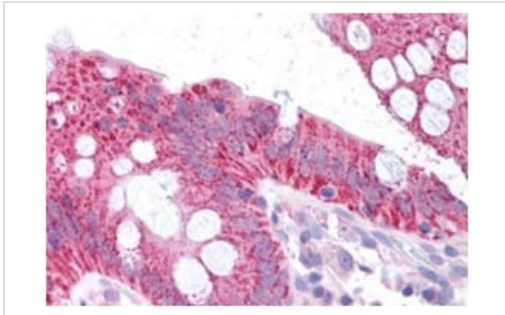
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labeling CDKN2A/p16INK4a with ab189034 at 5 $\mu\text{g/ml}$. Heat mediated antigen retrieval was performed.



Immunocytochemistry/ Immunofluorescence - Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034)

Immunofluorescent analysis of human colon cells labeling CDKN2A using ab189034 at 20 $\mu\text{g/ml}$.



Immunohistochemical analysis of formalin fixed, paraffin embedded human colon tissue labeling CDKN2A using ab189034 at 5 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034)

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