


## Product datasheet

# Anti-CDKN2A/p16INK4a antibody - N-terminal ab189034

★★★★☆ 5 Abreviews 41 References 4 Images

### Overview

<b>Product name</b>	Anti-CDKN2A/p16INK4a antibody - N-terminal
<b>Description</b>	Rabbit polyclonal to CDKN2A/p16INK4a - N-terminal
<b>Host species</b>	Rabbit
<b>Specificity</b>	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.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide corresponding to Human CDKN2A/p16INK4a (N terminal), 19 amino acid peptide. Database link: <a href="#">P42771</a>
<b>Positive control</b>	Human colon tissues. Human colon cells. Mouse colon tissue lysate.
<b>General notes</b>	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.  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

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99% PBS

<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

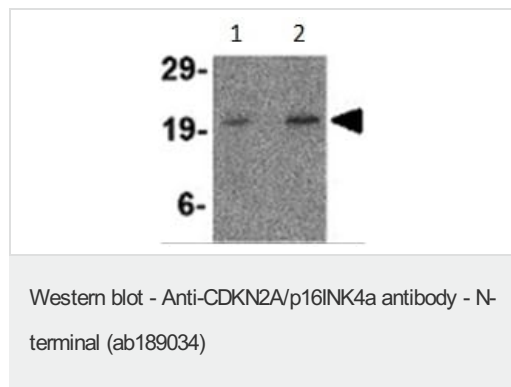
**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab189034 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
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.

## Target

<b>Cellular localization</b>	Cytoplasmic and Nuclear
<b>Form</b>	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.

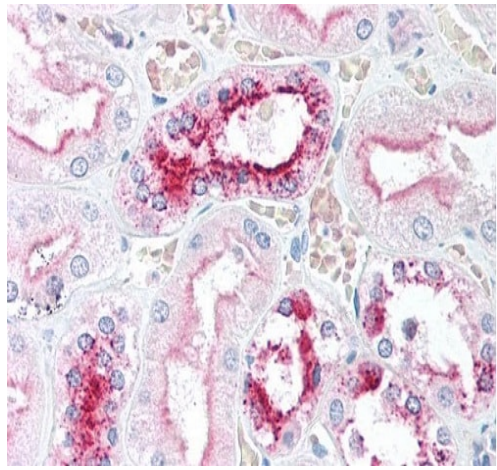
## Images



**Lane 1** : Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034) at 1 µg/ml

**Lane 2** : Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034) at 2 µg/ml

**All lanes** : mouse colon tissue lysate



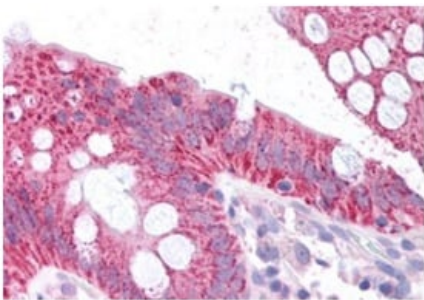
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labeling CDKN2A/p16INK4a with ab189034 at 5 µg/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 µg/ml.



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

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

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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