


Product datasheet

Anti-CDKN2A/p16INK4a antibody - N-terminal ab189034

★★★★☆ 3 Abreviews 24 References 4 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-CDKN2A/p16INK4a antibody - N-terminal |
| Description | Rabbit polyclonal to CDKN2A/p16INK4a - N-terminal |
| Host species | Rabbit |
| Tested applications | Suitable for: ICC/IF, WB, IHC-P |
| Species reactivity | Reacts with: Mouse, Human Predicted to work with: Rat  |
| Immunogen | Synthetic peptide corresponding to Human CDKN2A/p16INK4a (N terminal). 19 amino acid peptide. Database link: P42771 |
| Positive control | Human colon tissues. Human colon cells. Mouse colon tissue lysate. |
| General notes | <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as customer reviews and Q&As.</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | 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. |
| Storage buffer | Preservative: 0.02% Sodium azide Constituent: 99% PBS |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab189034** in the following tested applications.

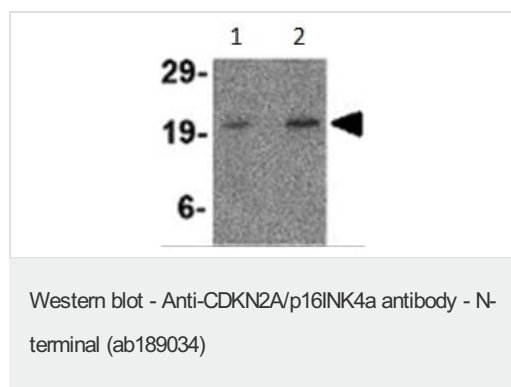
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| ICC/IF | | Use a concentration of 20 µg/ml. |
| WB | ★★★★☆ | Use a concentration of 1 - 2 µg/ml. |
| IHC-P | | Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |

Target

| | |
|------------------------------|---|
| Cellular localization | Cytoplasmic and Nuclear |
| Form | 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. |

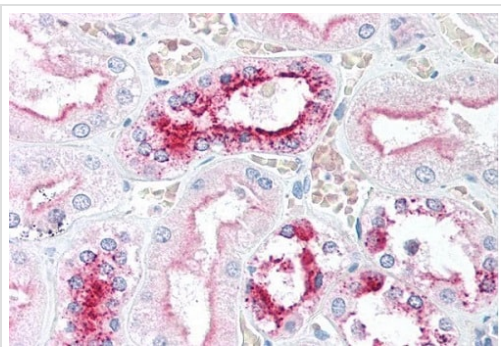
Images



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

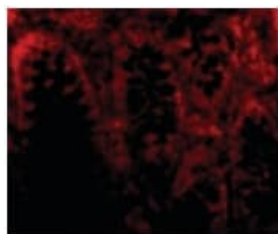
Lane 2 : Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034) at 2 µg/ml

All lanes : mouse colon tissue lysate



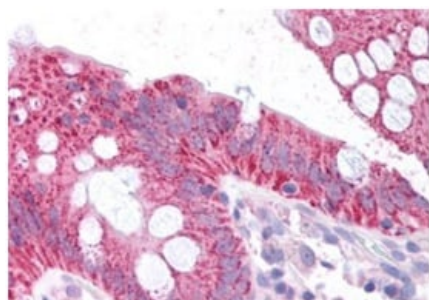
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034)

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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