Anti-CDKN2A/p16INK4a antibody - N-terminal
ab189034

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.

Properties

Form
Liquid

Storage instructions

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.
**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.

---

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICC/IF</td>
<td></td>
<td>Use a concentration of 20 µg/ml.</td>
</tr>
<tr>
<td>WB</td>
<td>🌟🌟🌟🌟🌟</td>
<td>Use a concentration of 1 - 2 µg/ml.</td>
</tr>
<tr>
<td>IHC-P</td>
<td></td>
<td>Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.</td>
</tr>
</tbody>
</table>

---

**Target**

**Images**

**Western blot** - Anti-CDKN2A/p16INK4a antibody - N-terminal (ab189034)

**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) 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"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors