

## Product datasheet

# Anti-CDK5RAP3 antibody ab57817

[2 Images](#)

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-CDK5RAP3 antibody  |
| <b>Description</b>         | Mouse monoclonal to CDK5RAP3  |
| <b>Host species</b>        | Mouse   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, IHC-P  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Recombinant full length protein, corresponding to amino acids 1-507 of Human CDK5RAP3 |

### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| <b>Storage buffer</b>       | Preservative: None<br>PBS, pH 7.2   |
| <b>Purity</b>               | Protein G purified  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Isotype</b>              | IgG1  |
| <b>Light chain type</b>     | kappa   |

### Applications

Our [Abpromise guarantee](#) covers the use of **ab57817** in the following tested applications.

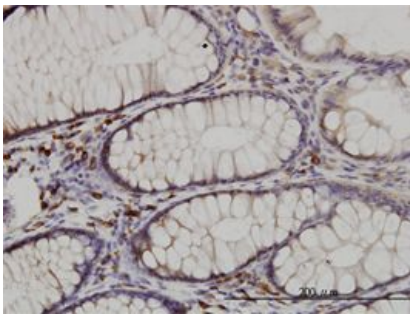
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 57 kDa. |
| IHC-P       |           | Use a concentration of 3 µg/ml.   |

## Target

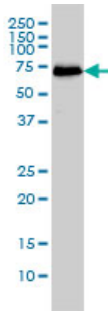
|   |  |
|---|--|
| <b>Function</b>                         | Potential regulator of CDK5 activity. May be involved in cell proliferation. Regulates CDK5 activity via its interaction with CDK5R1.                                      |
| <b>Tissue specificity</b>               | Ubiquitous. Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Isoform 3 is expressed in kidney, liver, skeletal muscle and placenta. |
| <b>Sequence similarities</b>            | Belongs to the CDK5RAP3 family.  |
| <b>Post-translational modifications</b> | Phosphorylated in vitro by CDK5.   |

## Images



CDK5RAP3 antibody (ab57817) used in immunohistochemistry at 3ug/ml on formalin fixed and paraffin embedded human colon.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDK5RAP3 antibody (ab57817)



CDK5RAP3 antibody (ab57817) at 1ug/lane + A-431 cell lysate at 25ug/lane.

Western blot - Anti-CDK5RAP3 antibody (ab57817)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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