

## Product datasheet

### Anti-Pin1 antibody [EP1479Y] ab76309

Recombinant **RabMAb**

★★★★★ [5 Abreviews](#) [7 References](#) [3 Images](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-Pin1 antibody [EP1479Y]  |
| <b>Description</b>         | Rabbit monoclonal [EP1479Y] to Pin1   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB<br><b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Rat, Human   |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>Positive control</b>    | WB: HeLa, HEK-293, Mouse brain and Rat brain lysates  |
| <b>General notes</b>       | Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> . |

#### Properties

|                             |  |
|-----------------------------|--|
| <b>Form</b>                 | Liquid   |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.                                |
| <b>Storage buffer</b>       | pH: 7.20<br>Preservative: 0.01% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA |
| <b>Purity</b>               | Protein A purified   |
| <b>Clonality</b>            | Monoclonal   |
| <b>Clone number</b>         | EP1479Y  |
| <b>Isotype</b>              | IgG  |

#### Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab76309 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          | ★★★★★ (4) | 1/1000. Detects a band of approximately 18 kDa (predicted molecular weight: 18 kDa). <b>For unpurified use at 1/500</b> |

#### Application notes

Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

#### Target

#### Function

Essential PPlase that regulates mitosis presumably by interacting with NIMA and attenuating its mitosis-promoting activity. Displays a preference for an acidic residue N-terminal to the isomerized proline bond. Catalyzing pSer/Thr-Pro cis/trans isomerizations.

#### Sequence similarities

Contains 1 PpiC domain.  
Contains 1 WW domain.

#### Domain

The WW domain is required for the interaction with STIL and KIF20B.

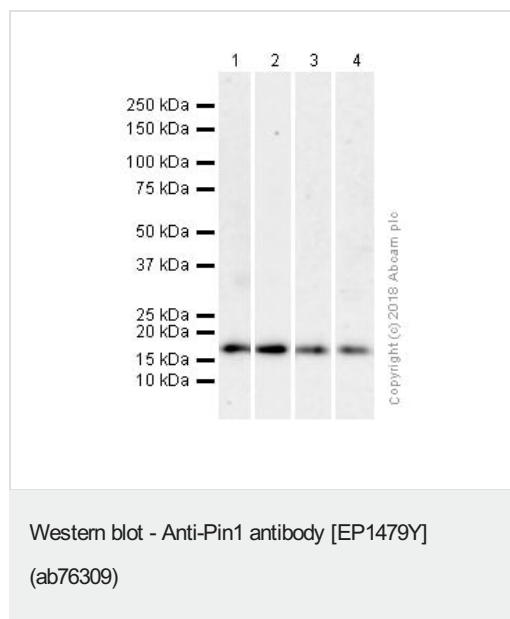
#### Post-translational modifications

Phosphorylated upon DNA damage, probably by ATM or ATR.

#### Cellular localization

Nucleus.

#### Images



**All lanes** : Anti-Pin1 antibody [EP1479Y] (ab76309) at 1/1000 dilution (Purified)

**Lane 1** : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

**Lane 2** : HEK-293 (Human epithelial cell line from embryonic kidney) whole cell lysate

**Lane 3** : Mouse brain lysate

**Lane 4** : Rat brain lysate

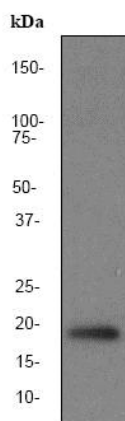
Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 18 kDa

**Observed band size:** 18 kDa



Anti-Pin1 antibody [EP1479Y] (ab76309) at 1/500 dilution + HEK-293 cell lysate at 10 µg

### Secondary

HRP labeled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 18 kDa

**Observed band size:** 18 kDa

Western blot - Anti-Pin1 antibody [EP1479Y]  
(ab76309)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Pin1 antibody [EP1479Y] (ab76309)

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

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