

## Product datasheet

# Anti-NAT2/AT-2 antibody ab88443

[1 References](#) [2 Images](#)

### Overview

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|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-NAT2/AT-2 antibody  |
| <b>Description</b>         | Mouse polyclonal to NAT2/AT-2                                      |
| <b>Host species</b>        | Mouse  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human  |
| <b>Immunogen</b>           | Full length protein corresponding to Human NAT2/AT-2. (AAH15878.1) |
| <b>Positive control</b>    | NAT2/AT-2 transfected 293T cell lysate, human liver tissue lysate. |
| <b>General notes</b>       | This product was previously labelled as NAT2                       |

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

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.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

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.

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.

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.

### Properties

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|                             |   |
|-----------------------------|---|
| <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>       | pH: 7.4<br>Constituent: PBS   |
| <b>Purity</b>               | Protein A purified  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

Our [Abpromise guarantee](#) covers the use of **ab88443** in the following tested applications.

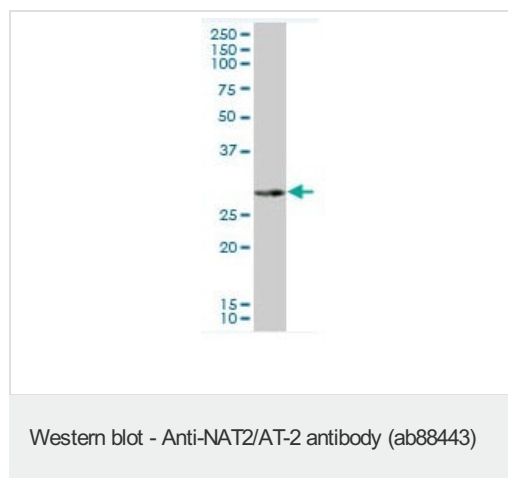
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | Use a concentration of 1 µg/ml. Predicted molecular weight: 34 kDa. |

## Target

|                              |   |
|------------------------------|---|
| <b>Function</b>              | Participates in the detoxification of a plethora of hydrazine and arylamine drugs. Catalyzes the N- or O-acetylation of various arylamine and heterocyclic amine substrates and is able to bioactivate several known carcinogens. |
| <b>Sequence similarities</b> | Belongs to the arylamine N-acetyltransferase family.  |
| <b>Cellular localization</b> | Cytoplasm.  |

## Images

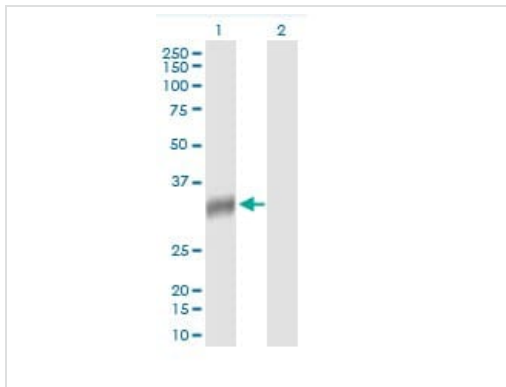


Anti-NAT2/AT-2 antibody (ab88443) at 1 µg/ml + human liver tissue lysate at 50 µg

**Predicted band size:** 34 kDa

**Observed band size:** 30 kDa

[why is the actual band size different from the predicted?](#)



Western blot - Anti-NAT2/AT-2 antibody (ab88443)

**All lanes :** Anti-NAT2/AT-2 antibody (ab88443) at 1 µg/ml

**Lane 1 :** NAT2/AT-2 transfected 293T cell lysate

**Lane 2 :** non transfected 293T cell lysate

Lysates/proteins at 50 µg per lane.

**Predicted band size:** 34 kDa

**Observed band size:** 34 kDa

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

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