

Product datasheet

Anti-SAT2 antibody ab70429

2 Images

Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-SAT2 antibody  |
| <b>Description</b>         | Mouse polyclonal to SAT2  |
| <b>Host species</b>        | Mouse   |
| <b>Specificity</b>         | This antibody is reactive against mammalian transfected lysate. |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human                                       |
| <b>Immunogen</b>           | SAT2 (NP_597998.1, 1 a.a. ~ 170 a.a) full-length human protein. |
| <b>Positive control</b>    | Transfected 293T cell lysate and human placenta tissue lysate.  |

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>Constituents: 1X PBS, pH 7.2  |
| <b>Purity</b>               | Protein G purified  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

Applications

Our [Abpromise guarantee](#) covers the use of **ab70429** 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

|                          |   |
|--------------------------|---|
| <b>Application notes</b> | WB: 1/500 - 1/1000. Detects bands of approximately 14 kDa (transfected lysate) and 19 kDa (tissue lysate) (predicted molecular weight: 19 kDa). |
|--------------------------|---|

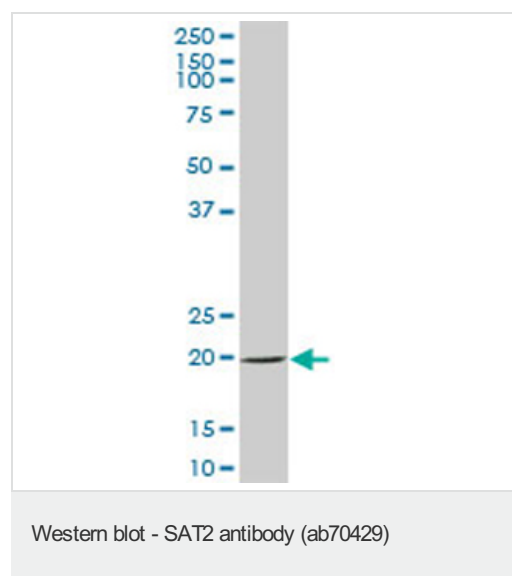
Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## Target

|                              |  |
|------------------------------|--|
| <b>Function</b>              | Enzyme which catalyzes the acetylation of polyamines. Substrate specificity: norspermidine > spermidine = spermine >> N(1)acetylspermine = putrescine. |
| <b>Tissue specificity</b>    | Widely expressed.  |
| <b>Pathway</b>               | Amine and polyamine degradation; putrescine degradation; N-acetylputrescine from putrescine: step 1/1.   |
| <b>Sequence similarities</b> | Belongs to the acetyltransferase family.<br>Contains 1 N-acetyltransferase domain.   |
| <b>Cellular localization</b> | Cytoplasm. Intracellular organelles.   |

## Images



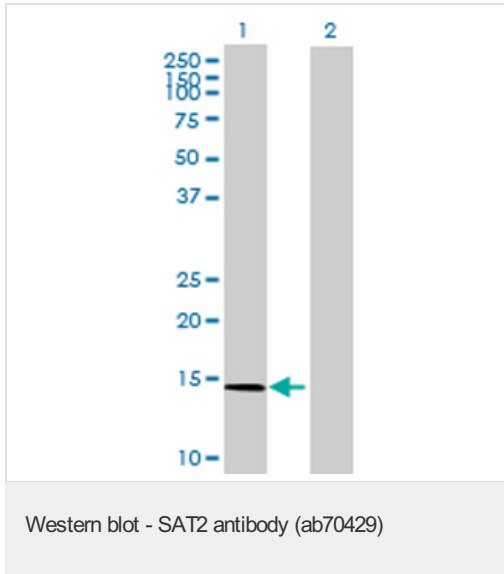
Anti-SAT2 antibody (ab70429) at 1/500 dilution + human placenta tissue lysate at 25  $\mu$ g

### Secondary

Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

**Predicted band size:** 19 kDa

**Observed band size:** 19 kDa



**All lanes :** Anti-SAT2 antibody (ab70429) at 1/500 dilution

**Lane 1 :** SAT2 transfected 293T cell lysate

**Lane 2 :** Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Mouse IgG (H&L)-HRP

Conjugate at 1/2500 dilution

**Predicted band size:** 19 kDa

**Observed band size:** 14 kDa

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