

## Product Datasheet

### Goat anti-NMNAT3 (aa149-162) Antibody (orb125179)

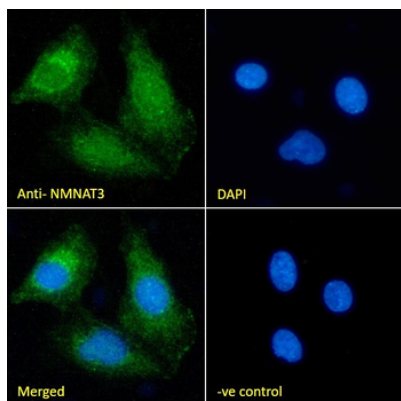
|                            |                                                                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Goat polyclonal antibody to NMNAT3                                                                                                                          |
| <b>Species/Host</b>        | Goat                                                                                                                                                        |
| <b>Reactivity</b>          | Canine, Human                                                                                                                                               |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                |
| <b>Tested Applications</b> | ELISA, FC, IF, WB                                                                                                                                           |
| <b>Target</b>              | NMNAT3 (aa149-162)                                                                                                                                          |
| <b>Preservatives</b>       | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| <b>Storage</b>             | Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                                  |
| <b>Note</b>                | For research use only                                                                                                                                       |
| <b>Application notes</b>   | WB: Approx 26kDa band observed in Human Kidney lysates (calculated MW of 24.1kDa according to NP_835471.1). Recommended concentration: 0.1-0.3µg/ml.        |
| <b>Protein Sequence</b>    | QHNIHLAKEPVQNE                                                                                                                                              |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                  |
| <b>MW</b>                  | 24.1; 18.3                                                                                                                                                  |
| <b>Entrez</b>              | <b>349565</b>                                                                                                                                               |
| <b>Dilution Range</b>      | ELISA: 1:32000, WB: 0.1-0.3 µg/ml                                                                                                                           |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                             |

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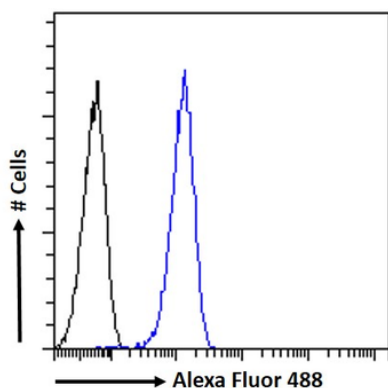
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Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (1 µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

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