

Datasheet for ABIN7632527

**anti-Melatonin Receptor 1A antibody (Biotin)**[Go to Product page](#)

## Overview

|              |                                                                              |
|--------------|------------------------------------------------------------------------------|
| Quantity:    | 1 mL                                                                         |
| Target:      | Melatonin Receptor 1A (MTNR1A)                                               |
| Reactivity:  | Human                                                                        |
| Host:        | Rabbit                                                                       |
| Clonality:   | Polyclonal                                                                   |
| Conjugate:   | This Melatonin Receptor 1A antibody is conjugated to Biotin                  |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC) |

## Product Details

|               |                                                                                                                                                                                    |
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| Purpose:      | Biotin-Linked Polyclonal Antibody to Melatonin Receptor 1A (MTNR1A)                                                                                                                |
| Isotype:      | IgG                                                                                                                                                                                |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against MTNR1A. It has been selected for its ability to recognize MTNR1A in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                             |

## Target Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Target:           | Melatonin Receptor 1A (MTNR1A)                            |
| Alternative Name: | Melatonin Receptor 1A ( <a href="#">MTNR1A Products</a> ) |
| Background:       | MT1, MEL-1A-R                                             |
| UniProt:          | <a href="#">P48039</a>                                    |

## Application Details

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| Application Notes: | Western blotting: 0.2-2 µg/mL, 1:250-2500 Immunohistochemistry: 5-20 µg/mL, 1:25-100<br>Immunocytochemistry: 5-20 µg/mL, 1:25-100 Optimal working dilutions must be determined by end user. |
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| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
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| Restrictions: | For Research Use only |
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## Handling

|         |        |
|---------|--------|
| Format: | Liquid |
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| Concentration: | 500 µg/mL |
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|         |                                                             |
|---------|-------------------------------------------------------------|
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
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|               |              |
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| Preservative: | Sodium azide |
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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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|          |              |
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| Storage: | 4 °C, -20 °C |
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| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
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