

Datasheet for ABIN7466565  
**anti-Melatonin Receptor 1B antibody (N-Term)**



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## Overview

Quantity:	100 µL
Target:	Melatonin Receptor 1B (MTNR1B)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melatonin Receptor 1B antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human MT2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	Melatonin Receptor 1B (MTNR1B)
Alternative Name:	melatonin receptor 1B ( <a href="#">MTNR1B Products</a> )
Background:	Melatonin receptor 1B , FGQTL2 , MEL-1B-R , MT2, This gene encodes one of two high affinity

## Target Details

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forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This gene product is an integral membrane protein that is a G-protein coupled, 7-transmembrane receptor. It is found primarily in the retina and brain although this detection requires RT-PCR. It is thought to participate in light-dependent functions in the retina and may be involved in the neurobiological effects of melatonin. [provided by RefSeq]

Molecular Weight: 40 kDa

Gene ID: 4544

UniProt: [P49286](#)

## Application Details

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Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: K562 , THP-1 , U87-MG , SK-N-SH , IMR32 , SK-N-AS

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.