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Datasheet for ABIN7091382

## anti-Melatonin Receptor 1B antibody (AA 271-364) (Biotin)

### Overview

Quantity:	100 µL
Target:	Melatonin Receptor 1B (MTNR1B)
Binding Specificity:	AA 271-364
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melatonin Receptor 1B antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MTNR1B
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Rabbit,Zebrafish
Purification:	Purified by Protein A.

### Target Details

Target:	Melatonin Receptor 1B (MTNR1B)
Alternative Name:	MTNR1B ( <a href="#">MTNR1B Products</a> )

## Target Details

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Background: Synonyms: MT2, melatonin receptor type 1B, melatonin receptor, MEL1B, MEL-1B-R, Mtnr1b, MGC129286, MGC129287, MTNR-1B, Melatonin receptor 1B, MTR1B\_HUMAN.  
Background: High affinity receptor for melatonin. Likely to mediate the reproductive and circadian actions of melatonin. The activity of this receptor is mediated by pertussis toxin sensitive G proteins that inhibit adenylate cyclase activity.

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Gene ID: 4544

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UniProt: [P49286](#)

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## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

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## Handling

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months

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