

# Anti-Melatonin Receptor 1b Antibody

Rabbit polyclonal antibody to Melatonin Receptor 1b

Catalog # AP60597

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P49286</a>
<b>Reactivity</b>	Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	40188

## Additional Information

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<b>Gene ID</b>	4544
<b>Other Names</b>	Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor
<b>Target/Specificity</b>	Recognizes endogenous levels of Melatonin Receptor 1b protein.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	MTNR1B
<b>Function</b>	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.
<b>Cellular Location</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Location</b>	Expressed in retina and less in brain and hippocampus.

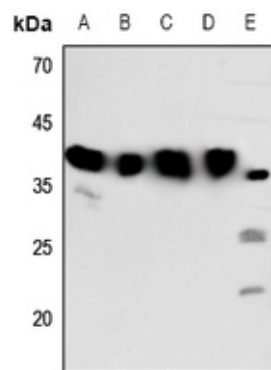
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Melatonin Receptor 1b. The exact sequence is proprietary.

## Images

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Western blot analysis of Melatonin Receptor 1b expression in HEK293T (A), Hela (B), HepG2 (C), H460 (D), mouse brain (E) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.