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Datasheet for ABIN1944815

## anti-Melatonin Receptor 1B antibody

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### Overview

Quantity:	100 µg
Target:	Melatonin Receptor 1B (MTNR1B)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

### Product Details

Isotype: IgG1

### Target Details

Target:	Melatonin Receptor 1B (MTNR1B)
Abstract:	<a href="#">MTNR1B Products</a>
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.
Molecular Weight:	40188 Da
Gene ID:	4544
UniProt:	<a href="#">P49286</a>

## Application Details

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Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Storage: 4 °C,-20 °C

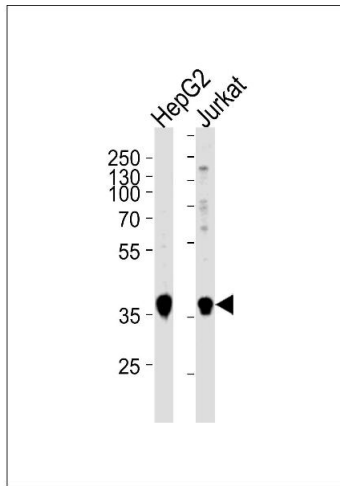
## Publications

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Product cited in: Dong, Hakimi, Chen, Kumaraswamy, Cooch, Godwin, Shiekhattar: "Regulation of BRCC, a holoenzyme complex containing BRCA1 and BRCA2, by a signalosome-like subunit and its role in DNA repair." in: **Molecular cell**, Vol. 12, Issue 5, pp. 1087-99, (2003) ([PubMed](#)).

Ching, Li, Li, Chan, Chan, Lim, Pang, Chui: "Expression of human BRE in multiple isoforms." in: **Biochemical and biophysical research communications**, Vol. 288, Issue 3, pp. 535-45, (2001) ([PubMed](#)).

Li, Yoo, Becker, Ali-Osman, Chan: "Identification of a brain- and reproductive-organs-specific gene responsive to DNA damage and retinoic acid." in: **Biochemical and biophysical research communications**, Vol. 206, Issue 2, pp. 764-74, (1995) ([PubMed](#)).



### Western Blotting

**Image 1.** Western blot analysis of lysates from HepG2, Jurkat cell line (from left to right), using MTR1B Antibody (ABIN486400 and ABIN1535781). ABIN486400 and ABIN1535781 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35  $\mu$ g per lane.