

Datasheet for ABIN926751

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

Overview

Quantity:	100 µL
Target:	Melatonin Receptor 1A (MTNR1A)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melatonin Receptor 1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	MTNR1 A antibody was raised in rabbit using the C terminal of MTNR1 as the immunogen
Purification:	Purified

Target Details

Target:	Melatonin Receptor 1A (MTNR1A)
Alternative Name:	MTNR1A (MTNR1A Products)
Background:	This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This receptor is a G-protein coupled, 7-transmembrane receptor that is responsible for melatonin effects on mammalian circadian rhythm and reproductive alterations affected by day length. The receptor is an integral membrane protein that is readily detectable and localized to two specific regions of the brain. The hypothalamic

Target Details

suprachiasmatic nucleus appears to be involved in circadian rhythm while the hypophysial pars tuberalis may be responsible for the reproductive effects of melatonin. Synonyms: Polyclonal MTNR1A antibody, Anti-MTNR1A antibody, melatonin receptor 1A antibody, MEL-1A-R antibody, MT1 antibody.

Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	MTNR1A Blocking Peptide, catalog no. 33R-3407, is also available for use as a blocking control in assays to test for specificity of this MTNR1A antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 μ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. Western Blot showing MTNR1A antibody used at a concentration of 1 ug/ml against Jurkat Cell Lysate