

Datasheet for ABIN361193

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

## Overview

Quantity:	100 µg
Target:	Melatonin Receptor 1A (MTNR1A)
Binding Specificity:	Internal Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Melatonin Receptor 1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	MTNR1A
Immunogen:	Peptide with sequence C-SLKYDKLYSSKNS, from the internal region of the protein sequence according to NP_005949.1.
Sequence:	SLKYDKLYSS KNS
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	Melatonin Receptor 1A (MTNR1A)
Alternative Name:	MTNR1A ( <a href="#">MTNR1A Products</a> )
Background:	MTNR1A, melatonin receptor 1A, MEL-1A-R, MT1, melatonin receptor type 1A
Gene ID:	4543
NCBI Accession:	<a href="#">NP_005949</a>

## Application Details

Application Notes:	Western Blot: Approx 40 kDa band observed in Rat Retina lysates (calculated MW of 39.8 kDa according to Rat NP_446128.1). Recommended concentration: 1-3 µg/mL. An additional band of unknown identity was also consistently observed at 50 kDa. This band was suc Peptide ELISA: antibody detection limit dilution 1:16000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN361193 (0.1µg/ml) staining of Rat Retina lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.