

Datasheet for ABIN7437161

anti-Melatonin Receptor 1A antibody (AA 300-353)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Melatonin Receptor 1A (MTNR1A)
Binding Specificity:	AA 300-353
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Melatonin Receptor 1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Melatonin Receptor 1A (MTNR1A)
Immunogen:	Recombinant Melatonin Receptor 1A (MTNR1A) corresponding to Leu300~Val353 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MTNR1A. It has been selected for its ability to recognize MTNR1A in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

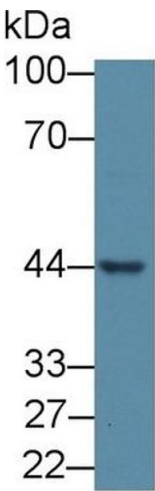
Target:	Melatonin Receptor 1A (MTNR1A)
Alternative Name:	Melatonin Receptor 1A (MTNR1A Products)
Background:	MT1, MEL-1A-R

Application Details

Application Notes:	Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

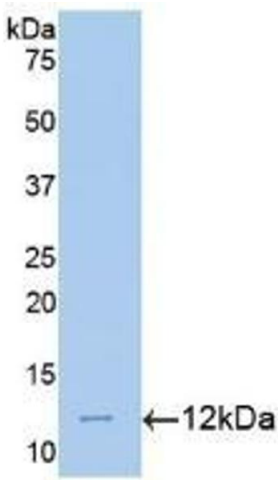
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



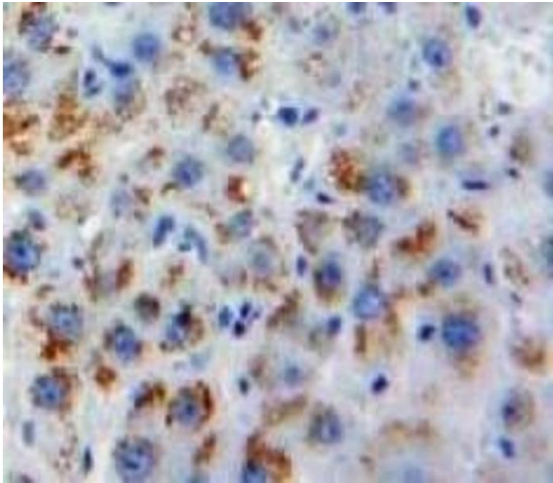
Western Blotting

Image 1. Detection of MTNR1A in Mouse Cerebellum lysate using Polyclonal Antibody to Melatonin Receptor 1A (MTNR1A)



Western Blotting

Image 2. Detection of Recombinant MTNR1A, Mouse using Polyclonal Antibody to Melatonin Receptor 1A (MTNR1A)



Immunohistochemistry

Image 3. #VALUE!