

# MEL-1A-R Polyclonal Antibody

Cat No: HR1AP7398

For research use only

## Overview

Product Name	MEL-1A-R Polyclonal Antibody
Source	Rabbit
Applications	IF,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	kDa
GeneID?Human?	MTNR1A
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	MTNR1A; Melatonin receptor type 1A; Mel-1A-R; Mel1a receptor
Background	<p>melatonin receptor 1A(MTNR1A) Homo sapiens 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 suprachiasmatic nucleus appears to be involved in circadian rhythm while the hypophysial pars tuberalis may be responsible for the reproductive effects of melatonin. [provided by RefSeq, Jul 2008].</p>