

Rabbit anti-Human MTNR1A / Melatonin Receptor 1a Polyclonal Antibody | anti-MTNR1A antibody

Rabbit Polyclonal to Human MTNR1A / Melatonin Receptor 1a

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52361	Rabbit	Human	Immunohistochemistry

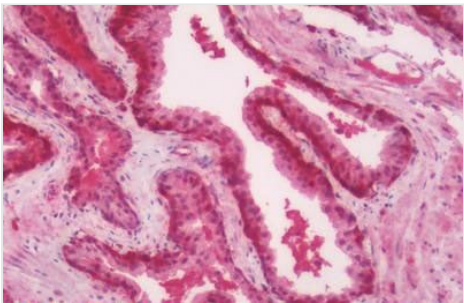
PRODUCT SYNONYMS

MTNR1A / Melatonin Receptor 1a; Polyclonal Antibody; Rabbit Polyclonal to Human MTNR1A / Melatonin Receptor 1a; Anti-MTNR1A / Melatonin Receptor 1a Antibody (Cytoplasmic Domain) IHC-plus; MTNR1A; Mel-1a melatonin receptor; MEL-1A-R; Melatonin 1a receptor; Melatonin receptor 1A; MT1 melatonin receptor; MT1 receptor; Mel1a receptor; Melatonin receptor type 1A; MT1; Human MTNR1A; Melatonin Receptor 1a; anti-MTNR1A antibody

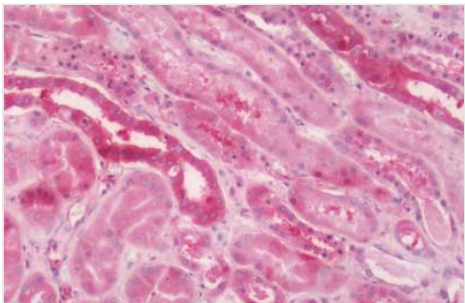
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human MTNR1A. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	350
Applicable Applications for anti-MTNR1A antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human MTNR1A. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey (94%); Mouse, Rat, Bovine, Lizard, Xenopus (88%); Sheep, Dog, Pufferfish (81%).
Immunogen Type	Synthetic peptide
Immunogen	MTNR1A / Melatonin Receptor 1a antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human MTNR1A. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey (94%); Mouse, Rat, Bovine, Lizard, Xenopus (88%); Sheep, Dog, Pufferfish (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-MTNR1A antibody	MTNR1A is a Melatonin Receptor located in the hypothalamus. It mediates melatonin control of circadian rhythms and reproductive functions affected by changes in day length. It is particularly important for seasonally breeding mammals. Ovine melatonin-related receptors are found in the hypothalamus and also in the pituitary, retina, and retinal pigment epithelium (Drew et al, 1998).
Product Categories/Family for anti-MTNR1A antibody	Family: GPCR; Subfamily: Melatonin

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174593
NCBI GeneID	4543
NCBI Accession #	NP_005949.1
NCBI GenBank Nucleotide #	NM_005958.3
UniProt Accession #	P48039; A0AVC5; B0M0L2
Molecular Weight	39,375 Da
NCBI Official Full Name	melatonin receptor type 1A
NCBI Official Synonym Full Names	melatonin receptor 1A
NCBI Official Symbol	MTNR1A
NCBI Official Synonym Symbols	MT1; MEL-1A-R
NCBI Protein Information	melatonin receptor type 1A; mel1a receptor
UniProt Protein Name	Melatonin receptor type 1A
UniProt Gene Name	MTNR1A
UniProt Synonym Gene Names	Mel-1A-R; Mel1a receptor
UniProt Entry Name	MTR1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.