

Rabbit MTNR1B / MT2 Polyclonal Antibody | anti-MTNR1B antibody

Rabbit Polyclonal to Human MTNR1B / MT2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51299	Rabbit	Gorilla, Human, Monkey	Immunohistochemistry

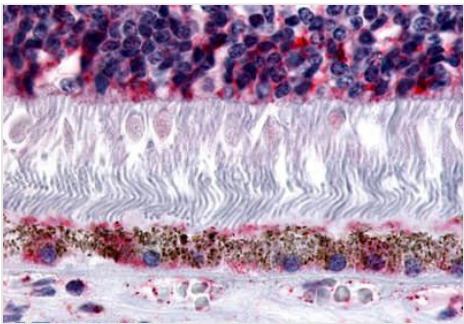
PRODUCT SYNONYMS

MTNR1B / MT2; Polyclonal Antibody; Rabbit Polyclonal to Human MTNR1B / MT2; Anti-MTNR1B / MT2 Antibody (Extracellular Domain) IHC-plus; MTNR1B; MEL-1B-R; Mel-1b melatonin receptor; Melatonin receptor 1B; Melatonin receptor MEL1B; Mt2r; MT2 melatonin receptor; MtT2 receptor; Melatonin receptor type 1B; MT2; FGQTL2; Mel1b receptor; Human MTNR1B; anti-MTNR1B antibody

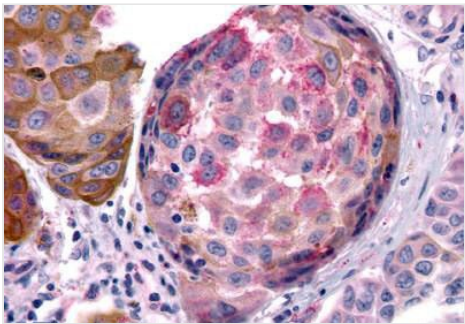
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gorilla, Human, Monkey
Clonality	Polyclonal
Specificity	Human MTNR1B. 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	362
Applicable Applications for anti-MTNR1B antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 3rd extracellular domain of human MTNR1B. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Elephant, Bat, Horse (88%); Rat (81%).
Immunogen Type	Synthetic peptide
Immunogen	MTNR1B / MT2 antibody was raised against synthetic 16 amino acid peptide from 3rd extracellular domain of human MTNR1B. Percent identity with other species by BLAST analysis: Human, Gorilla, Monkey (100%); Elephant, Bat, Horse (88%); Rat (81%).
Antigen Modification	Extracellular Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

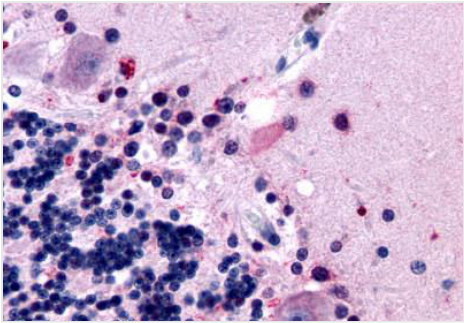
IMAGES



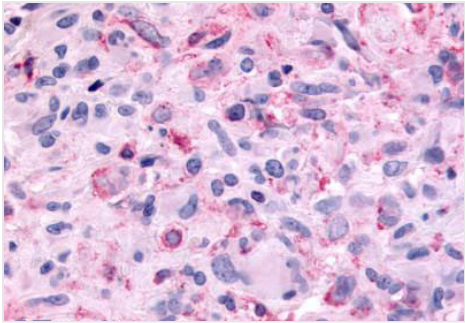
IHC (Immunohistochemistry)
Anti-MTNR1B / MT2 antibody IHC of human eye, retina. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-MTNR1B / MT2 antibody IHC of human Skin, Melanoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-MTNR1B antibody IHC of human brain. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-MTNR1B / MT2 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-MTNR1B antibody	MTNR1b is a Melatonin Receptor that mediates the effects of melatonin in the retina and the photoperiodic control of neuroendocrine functions. It may also be involved in melatonin-induced immune enhancement.
Product Categories/Family for anti-MTNR1B antibody	Family: GPCR; Subfamily: Melatonin

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174595
NCBI GeneID	4544
NCBI Accession #	NP_005950.1
NCBI GenBank Nucleotide #	NM_005959.3
UniProt Accession #	P49286
Molecular Weight	40,188 Da
NCBI Official Full Name	melatonin receptor type 1B
NCBI Official Synonym Full Names	melatonin receptor 1B
NCBI Official Symbol	MTNR1B
NCBI Official Synonym Symbols	MT2; FGQTL2; MEL-1B-R
NCBI Protein Information	melatonin receptor type 1B; mel1b receptor; melatonin receptor MEL1B
UniProt Protein Name	Melatonin receptor type 1B

UniProt Gene Name	MTNR1B
UniProt Synonym Gene Names	Mel-1B-R; Mel1b receptor
UniProt Entry Name	MTR1B_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtnr1b-mt2-antibody-immunohistochemistry-elisa/51299>