

Rabbit anti-Human MTNR1B Polyclonal Antibody | anti-MTNR1B antibody

MTNR1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232591	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

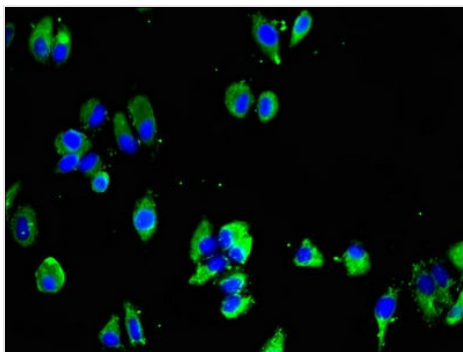
PRODUCT SYNONYMS

MTNR1B; Polyclonal Antibody; MTNR1B Antibody; Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor; anti-MTNR1B antibody

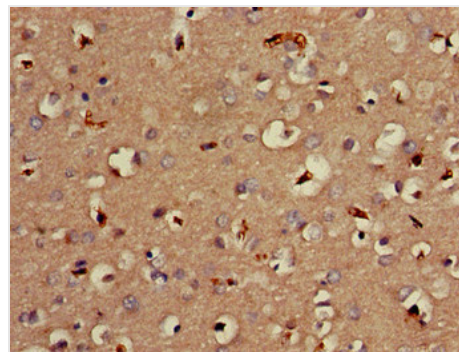
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	362
Applicable Applications for anti-MTNR1B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Melatonin receptor type 1B protein (1-42AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-13177 / sc-28453 / sc-28453
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

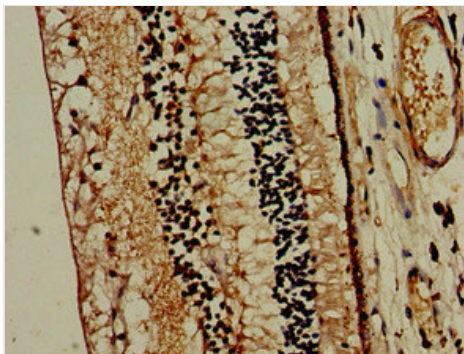
IMAGES


IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA232591 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232591 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human eye tissue using AAA232591 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MTNR1B antibody

High affinity receptor for melatonin. Likely to mediate the reproductive and circadian actions of melatonin. The activity of this receptor is mediated by pertussis toxin sensitive G proteins that inhibit adenylate cyclase activity.

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
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-antibody-immunofluorescence-immunohistochemistry-elisa/232591>