

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

MTNR1B Antibody

CATALOG # AAA310431	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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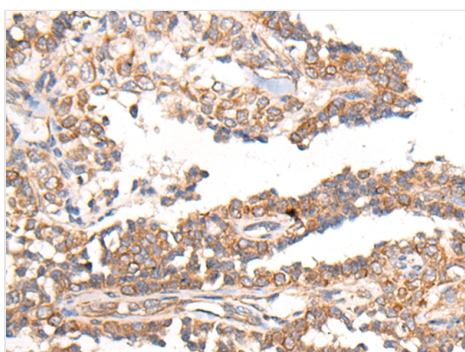
PRODUCT SYNONYMS

MTNR1B; Polyclonal Antibody; MTNR1B Antibody; MT2; FGQTL2; MEL-1B-R; anti-MTNR1B antibody

PRODUCT SPECIFICATIONS

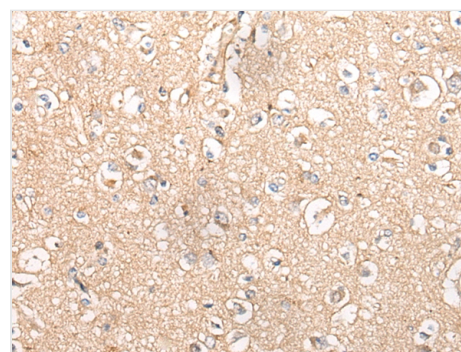
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total MTNR1B protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.4mg/ml (varies by lot)
Sequence Length	362
Applicable Applications for anti-MTNR1B antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human MTNR1B
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 46617(MTNR1B Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using 46617(MTNR1B Antibody) at dilution 1/55, on the right is treated with synthetic peptide. (Original magnification: x200)

ADDITIONAL INFORMATION

Related Product Information for anti-MTNR1B antibody	This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This gene product is an integral membrane protein that is a G-protein coupled, 7-transmembrane receptor. It is found primarily in the retina and brain although this detection requires RT-PCR. It is thought to participate in light-dependent functions in the retina and may be involved in the neurobiological effects of melatonin.
Product Categories/Family for anti-MTNR1B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174595
NCBI GeneID	4544
NCBI Accession #	NP_005950
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

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-immunohistochemistry-elisa/310431>