

Rabbit anti-Human, Mouse MTNR1A Polyclonal Antibody | anti-MTNR1A antibody

MTNR1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307121	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

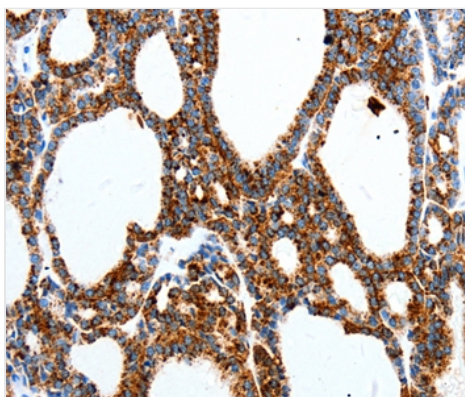
PRODUCT SYNONYMS

MTNR1A; Polyclonal Antibody; MTNR1A Antibody; MT1; MEL-1A-R; anti-MTNR1A antibody

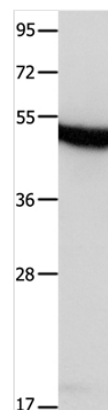
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total MTNR1A protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1.3 mg/ml (varies by lot)
Sequence Length	350
Applicable Applications for anti-MTNR1A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human melatonin receptor 1A
Target Name	MTNR1A
Preparation and Storage	Store at -20°C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.


Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Mouse brain tissueAmount of lysate: 30ug per lanePrimary antibody: 1/650 dilutionSecondary antibody dilution: 1/8000Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-MTNR1A antibody	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.
Product Categories/Family for anti-MTNR1A antibody	Total protein Ab

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	39kd
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mtnr1a-antibody-immunohistochemistry-western-blot-elisa/307121>