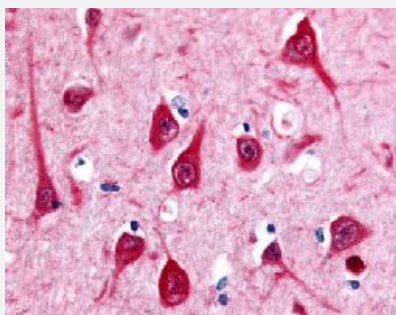


MTNR1B polyclonal antibody

Catalog # PAB16494

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain (hippocampus) with MTNR1B polyclonal antibody (Cat # PAB16494).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MTNR1B.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human MTNR1B.
Host	Rabbit
Reactivity	Human
Specificity	C-terminal Cytoplasmic domain of human.
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical (Formalin/PFA-fixed paraffin-embedded sections) staining in human brain (hippocampus) with MTNR1B polyclonal antibody (Cat # PAB16494).

Gene Info — MTNR1B

Entrez GeneID [4544](#)

Protein Accession# [P49286](#)

Gene Name MTNR1B

Gene Alias MEL-1B-R, MT2

Gene Description melatonin receptor 1B

Omim ID [600804](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations melatonin receptor MEL1B|melatonin receptor type 1B

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Arthritis](#)

- [Autistic Disorder](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Child Development Disorders](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)
- [Scoliosis](#)
- [Sleep](#)