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MTNR1B / MT2 Antibody (Extracellular Domain)

Rabbit Polyclonal Antibody

Catalog # ALS10211

Specification

MTNR1B / MT2 Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	P49286
Reactivity	**Human, Monkey**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**40kDa KDa**

MTNR1B / MT2 Antibody (Extracellular Domain) - Additional Information

Gene ID 4544

Other Names
Melatonin receptor type 1B, Mel-1B-R, Mel1b receptor, MTNR1B

Target/Specificity
Human MTNR1B. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
MTNR1B / MT2 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

MTNR1B / MT2 Antibody (Extracellular Domain) - Protein Information

Name MTNR1B

Function
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.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
Expressed in retina and less in brain and hippocampus.

Volume
50 µl

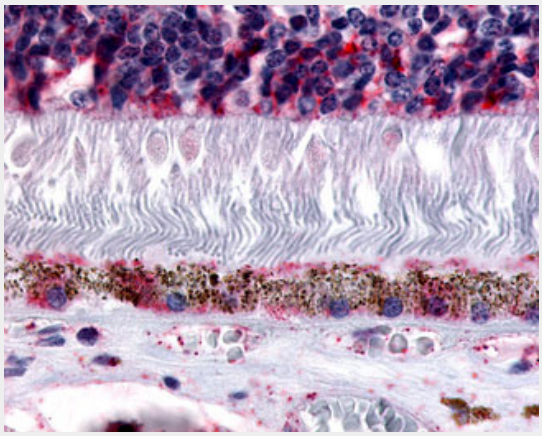
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MTNR1B / MT2 Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MTNR1B / MT2 Antibody (Extracellular Domain) - Images



Anti-MTNR1B / MT2 antibody IHC of human eye, retina.

MTNR1B / MT2 Antibody (Extracellular Domain) - Background

High affinity receptor for melatonin. Likely to mediates 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.

MTNR1B / MT2 Antibody (Extracellular Domain) - References

Reppert S.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:8734-8738(1995).
Ebisawa T.,et al.Neurosci. Lett. 280:29-32(2000).
King M.M.,et al.Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.