

MTNR1B Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2886a**Specification**

MTNR1B Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	P49286
Other Accession	NP_005950.1 , 4544
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	40188

MTNR1B Antibody (C-Term) - Additional Information**Gene ID** 4544**Other Names**

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

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MTNR1B Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

MTNR1B Antibody (C-Term) - 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.

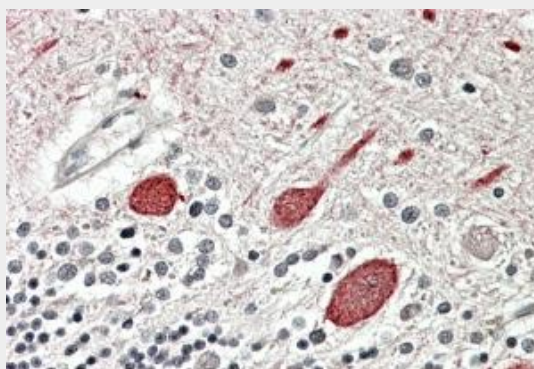
Tissue Location

Expressed in retina and less in brain and hippocampus.

MTNR1B Antibody (C-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MTNR1B Antibody (C-Term) - Images

AF2886a (3.8 µg/ml) staining of paraffin embedded Human Cerebellum. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

MTNR1B Antibody (C-Term) - References

Melatonin suppresses nighttime memory formation in zebrafish. Rawashdeh O, de Borsetti NH, Roman G, Cahill GM. Science 2007 Nov 31; 318 (5853): 1144-6. PMID: 18006748