

MTNR1B antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15056**Specification**

MTNR1B antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P49286
Other Accession	NM_005959 , NP_005950
Reactivity	Human, Rabbit, Pig
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

MTNR1B antibody - N-terminal region - Additional Information**Gene ID** 4544**Alias Symbol** FGQTL2, MEL-1B-R, MT2**Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-MTNR1B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

MTNR1B antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MTNR1B antibody - N-terminal region - 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

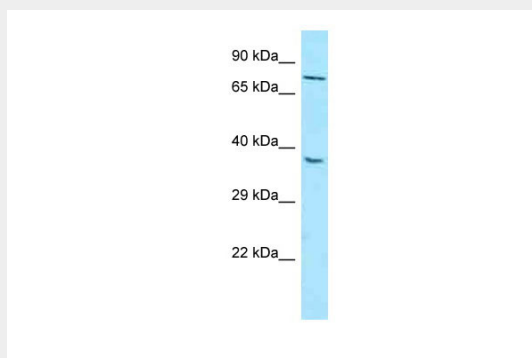
Expressed in retina and less in brain and hippocampus.

MTNR1B antibody - N-terminal region - 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 - N-terminal region - Images



WB Suggested Anti-MTNR1B Antibody Titration: 1.0 µg/ml
Positive Control: HepG2 Whole Cell

MTNR1B antibody - N-terminal region - 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.