10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MTNR1B antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15056

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	40188

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.

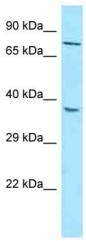
Protein Information

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.

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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.