

MTR1B Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP50045

Product Information

Application WB
Primary Accession P49286
Reactivity Human
Host Rabbit
Clonality polyclonal
Calculated MW 40188

Additional Information

Gene ID 4544

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

Dilution WB~~ 1:1000

Format Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4,

150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.

Storage Conditions -20°C

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.

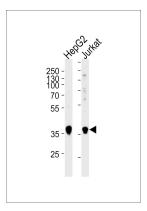
Background

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.

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



Western blot analysis of lysates from HepG2,Jurkat cell line (from left to right),using MTR1B Antibody(G399). G399 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35ug per lane.

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