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Anti-Melatonin Receptor 1b Antibody

Catalog # AP60597

Product Information

Application	WB
Primary Accession	P49286
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40188

Additional Information

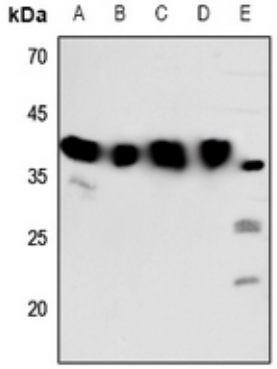
Gene ID	4544
Other Names	Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Melatonin Receptor 1b. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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.

Images

Western blot analysis of Melatonin Receptor 1b expression in HEK293T (A), Hela (B), HepG2 (C), H460 (D),



mouse brain (E) whole cell lysates. (Predicted band size: 40 kD; Observed band size: 40 kD)

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