

Product Data Sheet

Anti-Melatonin Receptor 1b Antibody

Catalog #	Source	Reactivity	Applications
CPA4743	Rabbit	H	WB
Description	Rabbit polyclonal antibody to Melatonin Receptor 1b		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Melatonin Receptor 1b. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Melatonin Receptor 1b protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	MTNR1B		
Alternative Names	Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor		
Entrez Gene	4544 (Human)		
SwissProt	P49286 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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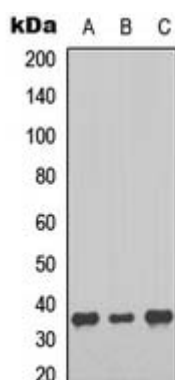
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Western blot analysis of Melatonin Receptor 1b expression in A549 (A), HeLa (B), HEK293T (C) whole cell lysates.

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