bs-21511R

[Primary Antibody]

MTNR1B Rabbit pAb



sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

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Applications: WB (1:500-2000)	
Reactivity: Mouse (predicted: Human.	
Rat)	
Predicted MW.: 40 kDa	
Subcollular	
Location: Cell membrane	
encodes one of two high affinity forms of a receptor for n, the primary hormone secreted by the pineal gland. This s a G-protein coupled, 7-transmembrane receptor that is le for melatonin effects on mammalian circadian rhythm ductive alterations affected by day length. The receptor gral membrane protein that is readily detectable and to two specific regions of the brain. The hypothalamic ismatic nucleus appears to be involved in circadian hile the hypophysial pars tuberalis may be responsible productive effects of melatonin.	

– VALIDATION IMAGES



Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug Lane 2: Cerebellum (Mouse) Lysate at 40 ug Primary: Anti-MTNR1B (bs-21511R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kD Observed band size: 38 kD

- SELECTED CITATIONS -

- [IF=5.8] Xinran Gao. et al. Melatonin protects HT-22 cells against palmitic acid-induced glucolipid metabolic dysfunction and cell injuries: Involved in the regulation of synaptic plasticity and circadian rhythms. BIOCHEM PHARMACOL. 2023 Oct;:115846 WB ;MOUSE. 37804870
- [IF=3.6] Malhotra Atul. et al. Neuroprotective effects of maternal melatonin administration in early-onset placental insufficiency and fetal growth restriction. PEDIATR RES. 2024 Jan;:1-9 IHC ;Sheep. 38225450