

MTR-1A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250761

Unit: 0.1 mg

Description:

Melatonin receptor-1A (MTR-1A) is a high affinity receptor for melatonin, which mediates the reproductive and circadian actions of melatonin. MTR-1A activity is mediated by pertussis toxin sensitive G-proteins that inhibit adenylate cyclase activity. MTR-1A is expressed in hypophyseal pars tuberalis and hypothalamic suprachiasmatic nuclei (SCN). MTR-1A belongs to the G-protein coupled receptor 1 family.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, R, Sh

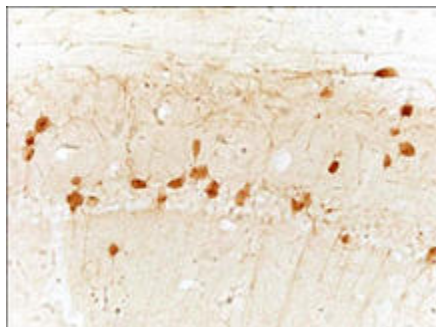
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Melatonin receptor type 1A; Mel1a melatonin receptor; Mel-1A-R; MTNR1A; MTR1A

Accession No.: P48039

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MTR-1A.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



MTR-1A staining in rat brain. Paraffin-embedded rat brain is stained with MTR-1A Antibody (Cat. No. 250761) used at 1:1000 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: [1] Wang S et al. 2012. Pain. 153(12): 2448-2457. PMID# 23046768. [2] Ahn S et al. 2012. Auris nasus Larynx. 39(5): 479-483. PMID# 22055508. [3] Peliciari-Garcia R et al. 2011. Chronobiology International. 28(1): 21-30. PMID# 21182401. [4] Corthell JT. et al. 2013. Neuroscience. PMID 24365461. [5] Huang F et al. 2013. Neural Regeneration Research. 8(32):2991-3002

For research use only, not for diagnostic or therapeutic procedures.