

## MTNR1B RABBIT PAB

**Cat.#:** S215053

**Product Name:** Anti-MTNR1B Rabbit Polyclonal Antibody

**Synonyms:** MT2; FGQTL2; MEL-1B-R

**UNIPROT ID:** P49286 (Gene Accession - NP\_005950 )

**Background:** This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This gene product is an integral membrane protein that is a G-protein coupled, 7-transmembrane receptor. It is found primarily in the retina and brain although this detection requires RT-PCR. It is thought to participate in light-dependent functions in the retina and may be involved in the neurobiological effects of melatonin.

**Immunogen:** Synthetic peptide of human MTNR1B

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 30-150; ELISA: 5000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

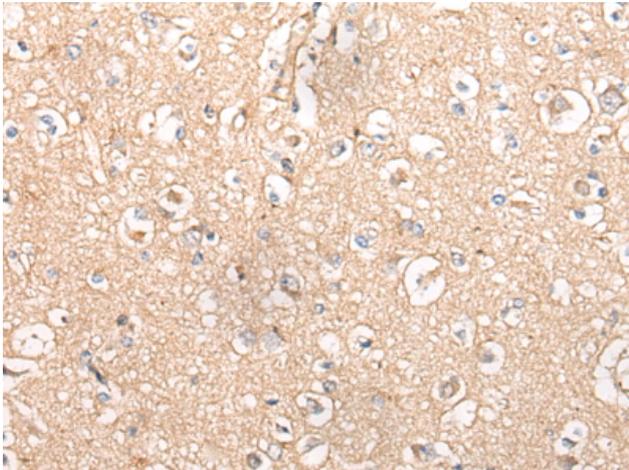
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

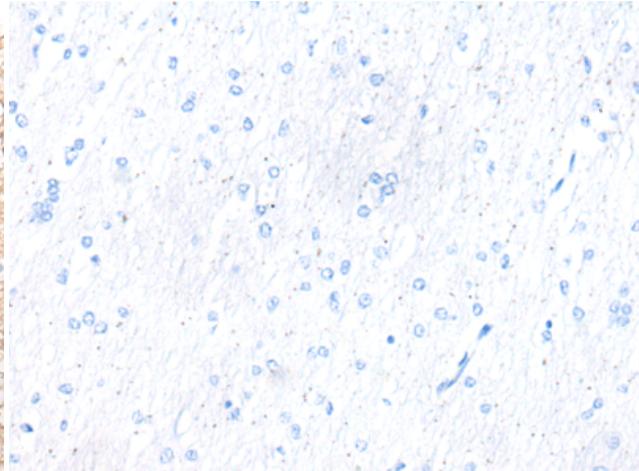
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Neuroscience

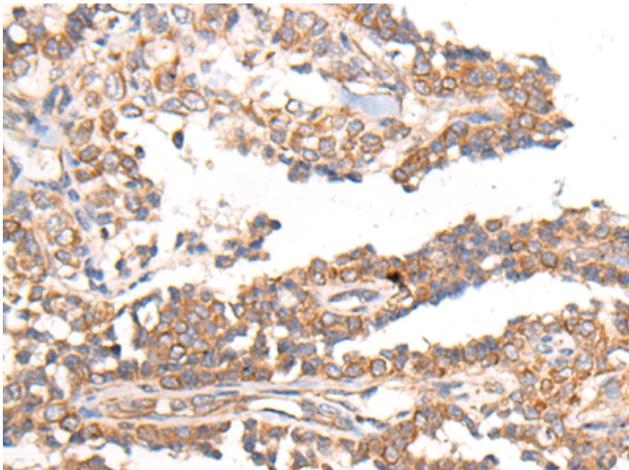
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



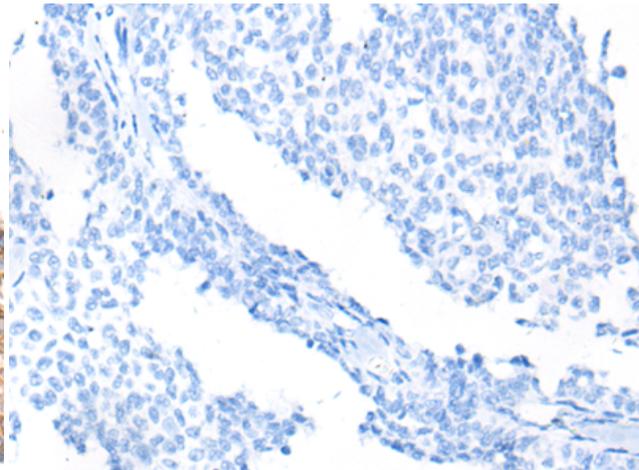
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 215053(MTNR1B Antibody) at a dilution of 1/55(Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 215053(Anti-MTNR1B Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using 215053(Anti-MTNR1B Antibody) at a dilution of 1/55.



In comparison with the IHC on the left, the same paraffin-embedded Human ovarian cancer tissue is first treated with synthetic peptide and then with D162810(Anti-MTNR1B Antibody) at dilution 1/55.