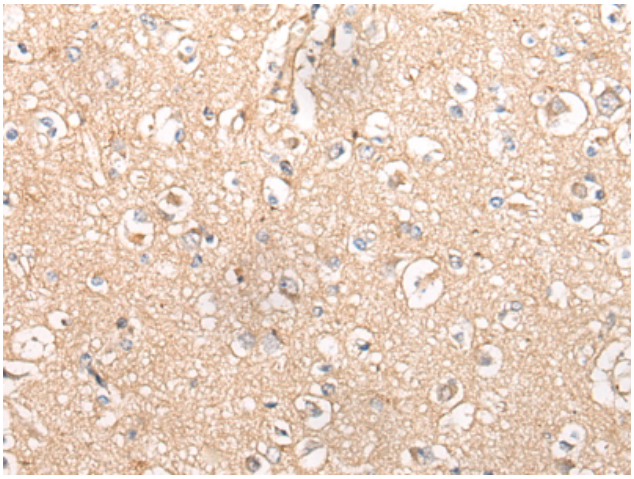
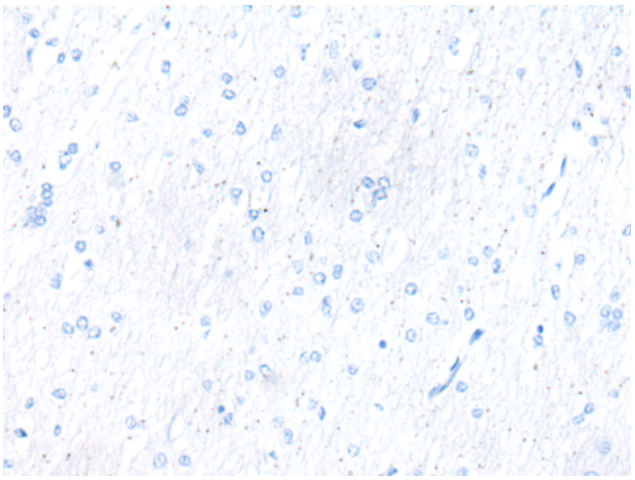
MTNR1B RABBIT PAB

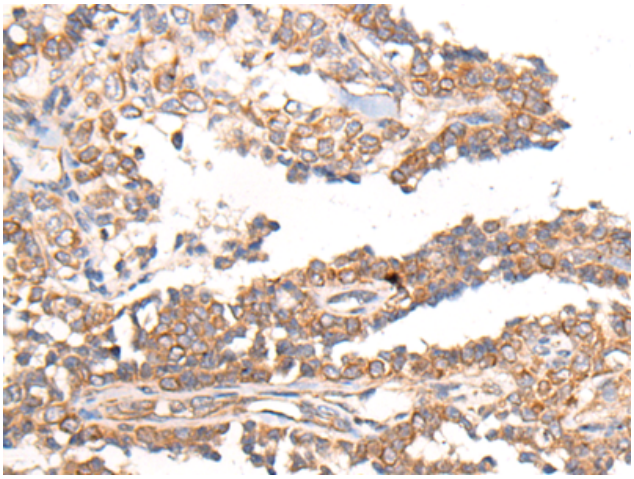
Cat.#: S215053
Product Name: Anti-MTNR1B Rabbit Polyclonal Antibody
Synonyms: MT2; FGQTL2; MEL-1B-R
UNIPROT ID: P49286 (Gene Accession - NP_005950)
Background: This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This gene product 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 Mg2+ and Ca2+), 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



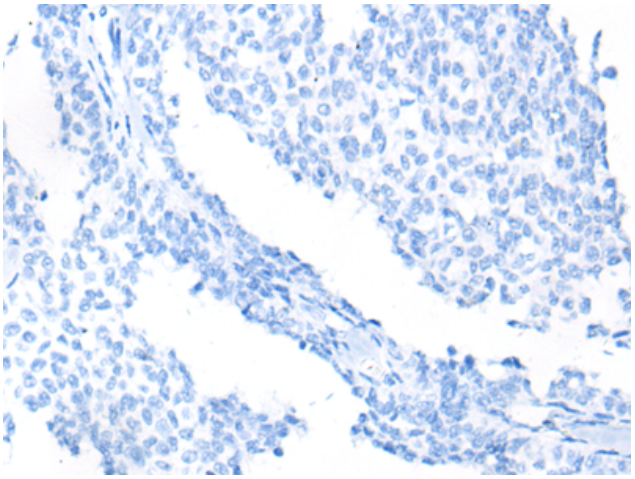
Immunohistochemistry analysis of paraffin embedded Human brain tissue using 215053(MTNR1B Antibody) at a dilution of 1/55(Cell membrane).



In comparision 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 comparision 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.