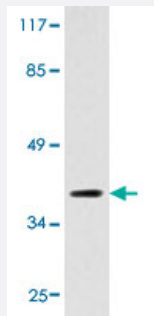


MTNR1B polyclonal antibody

Catalog # PAB25003 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell extracts with MTNR1B polyclonal antibody (Cat # PAB25003).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MTNR1B.
Immunogen	A synthetic peptide corresponding to MTNR1B.
Host	Rabbit
Theoretical MW (kDa)	40
Reactivity	Human
Specificity	MTNR1B polyclonal antibody detects endogenous levels of MTNR1B.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of COLO 205 cell extracts with MTNR1B polyclonal antibody (Cat # PAB25003).

Gene Info — MTNR1B

Entrez GeneID[4544](#)**Gene Name**

MTNR1B

Gene Alias

MEL-1B-R, MT2

Gene Description

melatonin receptor 1B

Omim ID[600804](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

melatonin receptor MEL1B|melatonin receptor type 1B

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Arthritis](#)

- [Autistic Disorder](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Child Development Disorders](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [HIV Infections](#)
- [Hyperglycemia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)
- [Scoliosis](#)
- [Sleep](#)