

产品名称: MEL-1B-R Rabbit Polyclonal Antibody
产品货号: APRab13813



产品概述 (Summary)

产品名称 (Production Name)	MEL-1B-R Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MTNR1B
别名 (Alternative Names)	MTNR1B; Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor
基因 ID (Gene ID)	4544.0
蛋白 ID (SwissProt ID)	P49286.The antiserum was produced against synthesized peptide derived from human MTR1B. AA range:301-350

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	40kDa

研究背景 (Background)

产品名称: MEL-1B-R Rabbit Polyclonal Antibody
产品货号: APRab13813

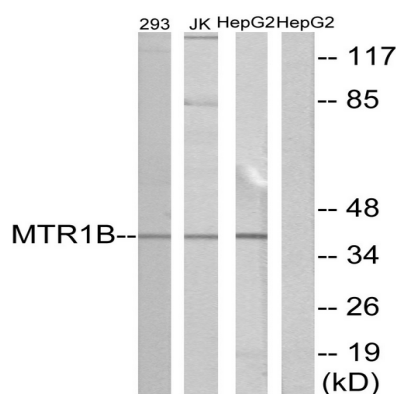


This gene encodes one of two high affinity forms of a receptor for melatonin, the primary hormone secreted by the pineal gland. This gene product is an integral membrane protein that is a G-protein coupled, 7-transmembrane receptor. It is found primarily in the retina and brain although this detection 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, Jul 2008],function:High affinity receptor for melatonin. Likely to mediate the reproductive and circadian actions of melatonin. The activity of this receptor is mediated by pertussis toxin sensitive G proteins that inhibit adenylate cyclase activity.,online information:Melatonin receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in retina and less in brain and hippocampus.,

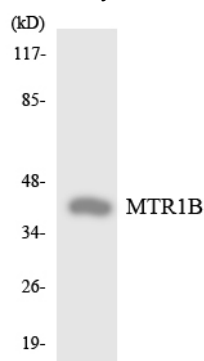
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)

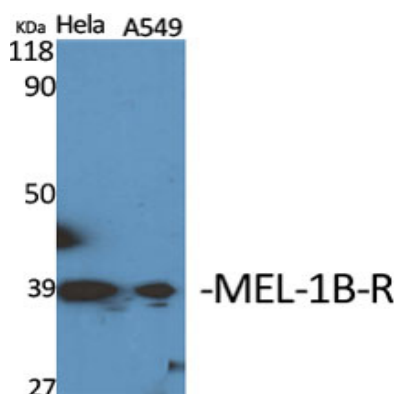


Western blot analysis of lysates from 293, Jurkat, and HepG2 cells, using MTR1B Antibody. The lane on the right is blocked with the synthesized peptide.

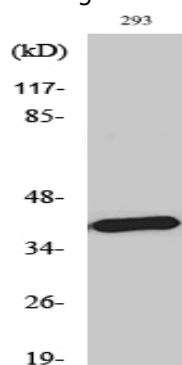


Western blot analysis of the lysates from HeLa cells using MTR1B antibody.

产品名称: MEL-1B-R Rabbit Polyclonal Antibody
产品货号: AP Rab13813



Western Blot analysis of various cells using MEL-1B-R Polyclonal Antibody diluted at 1: 1000



Western Blot analysis of HepG2 cells using MEL-1B-R Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .