

MEL-1B-R Polyclonal Antibody
Catalog # AP70910**Specification**

MEL-1B-R Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P49286
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

MEL-1B-R Polyclonal Antibody - Additional Information**Gene ID** 4544**Other Names**

MTNR1B; Melatonin receptor type 1B; Mel-1B-R; Mel1b receptor

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MEL-1B-R Polyclonal Antibody - Protein Information**Name** MTNR1B**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.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

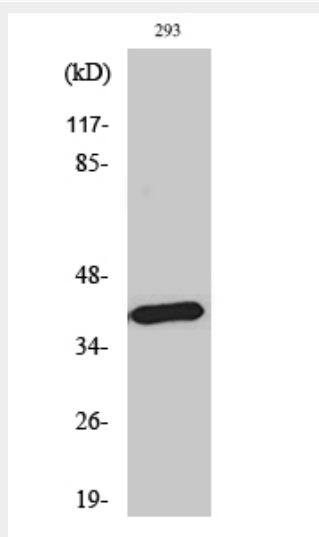
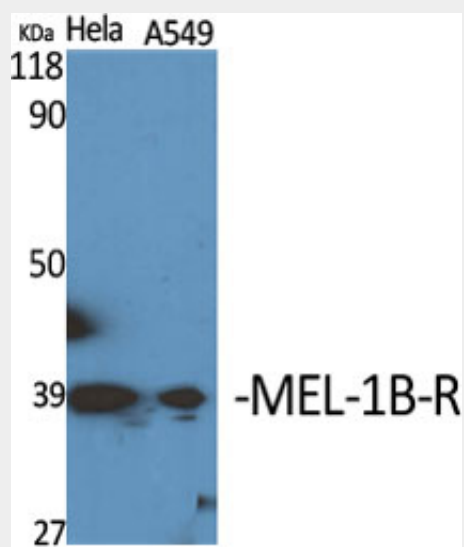
Expressed in retina and less in brain and hippocampus.

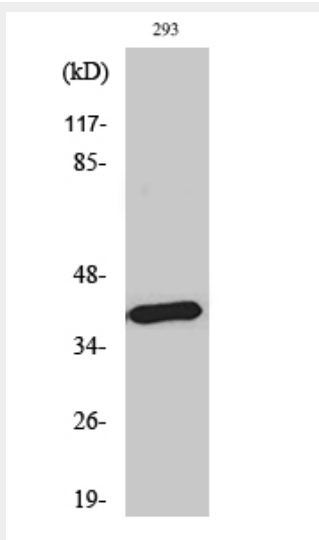
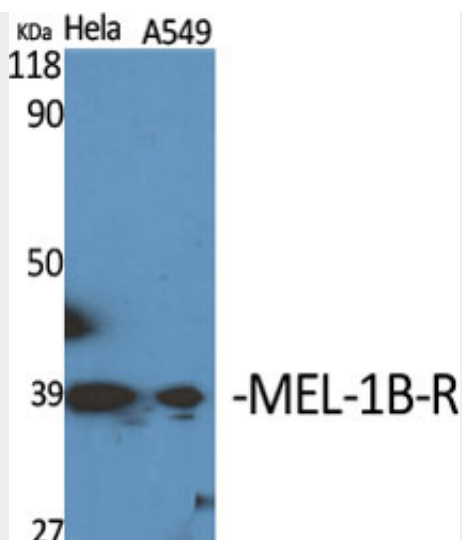
MEL-1B-R Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MEL-1B-R Polyclonal Antibody - Images





MEL-1B-R Polyclonal Antibody - Background

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.