

## Anti-GPR50/Melatonin Related Receptor Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Horse,Rabbit,Cat)
Molecular Weight:	Theoretical: 67 kDa. Actual: 63 kDa.
Purification:	Protein A purified

### Applications

Verified Activity:	Sample: JurkaT (Human) Cell Lysate at 30 µg Primary: Anti-GPR50/Melatonin Related Receptor (TMAB-06721) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 67 kD Observed band size: 63 kD
Application:	WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human GPR50/Melatonin Related Receptor
Antigen Species:	Human
Gene ID:	9248
Uniprot ID:	Q13585

### Research Background

This gene product belongs to the G-protein coupled receptor 1 family. Even though this protein shares similarity with the melatonin receptors, it does not bind melatonin, however, it inhibits melatonin receptor 1A function through heterodimerization. Polymorphic variants of this gene have been associated with bipolar affective disorder in women. [provided by RefSeq, Jan 2010]

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