

## Product datasheet for **TA358801**

### Melatonin Related Receptor (GPR50) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Human, Mouse, Pig, Rat <b>Homology:</b> Cow: 86%; Human: 100%; Mouse: 77%; Pig: 91%; Rat: 85%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	67kDa
Gene Name:	G protein-coupled receptor 50
Database Link:	<a href="#">NP_004215</a> <a href="#">Entrez Gene 9248 Human Q13585</a>
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.
Synonyms:	H9; Mel1c
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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Product images:



WB Suggested Anti-GPR50 Antibody  
Titration: 1.0 ug/ml  
Positive Control: Jurkat Whole Cell