Product Name: GPR50 Rabbit Polyclonal Antibody
Catalog #: APRab11689

Summary

Production Name	GPR50 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IF,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GPR50
Alternative Names	GPR50; Melatonin-related receptor; G protein-coupled receptor 50; H9
Gene ID	9248.0
SwissProt ID	Q13585.The antiserum was produced against synthesized peptide derived from human MTR1L. AA range:301-350

Application

Dilution Ratio	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	68kD

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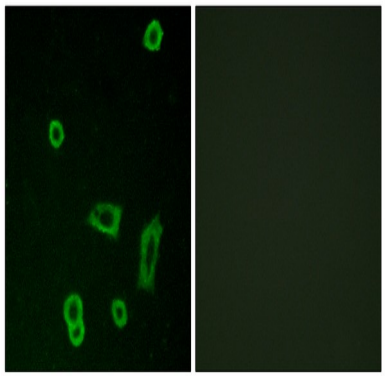
Background

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],function:Does not bind melatonin.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Hypothalamus and pituitary.,

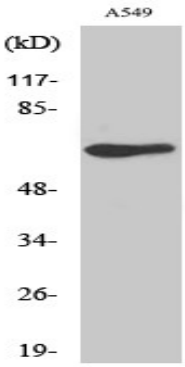
Research Area

Neuroactive ligand-receptor interaction;

Image Data



Immunofluorescence analysis of LOVO cells, using MTR1L Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GPR50 Polyclonal Antibody diluted at 1：1000

Note

For research use only.