
Product Name: GPR50 Rabbit Polyclonal Antibody**Catalog #: APRab11689**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	68kDa

Antigen Information

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

Background

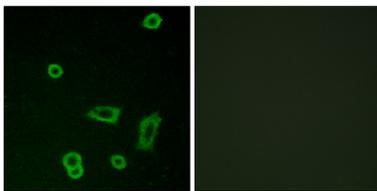
This gene product belongs to the G-protein coupled receptor 1 family. Even though this protein shares similarity with the

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.,

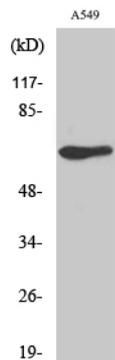
Research Area

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