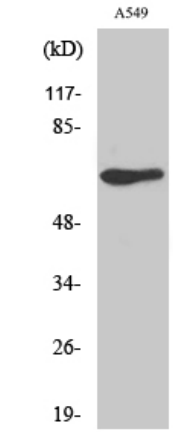
GPR50 Polyclonal Antibody

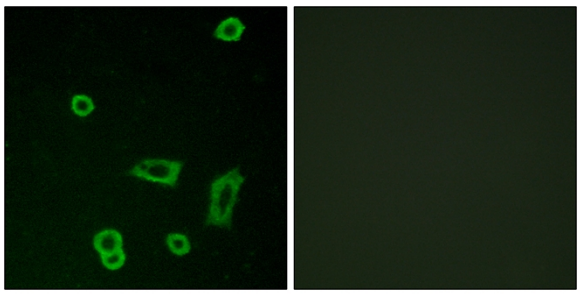
Catalog No	BYab-13342
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IF;ELISA
Gene Name	GPR50
Protein Name	Melatonin-related receptor
Immunogen	The antiserum was produced against synthesized peptide derived from human MTR1L. AA range:301-350
Specificity	GPR50 Polyclonal Antibody detects endogenous levels of GPR50 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GPR50; Melatonin-related receptor; G protein-coupled receptor 50; H9
Observed Band	68kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Hypothalamus and pituitary.
Function	function:Does not bind melatonin.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Hypothalamus and pituitary.,
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],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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



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