Best Tools for immunology Research

GPR142 Polyclonal Antibody

Catalog No :	YT1973
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	GPR142
Gene Name :	GPR142
Protein Name :	Probable G-protein coupled receptor 142
Human Gene Id :	350383
Human Swiss Prot No :	Q7Z601
Mouse Swiss Prot No :	Q7TQN9
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR142. AA range:1-50
Specificity :	GPR142 Polyclonal Antibody detects endogenous levels of GPR142 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	51kD

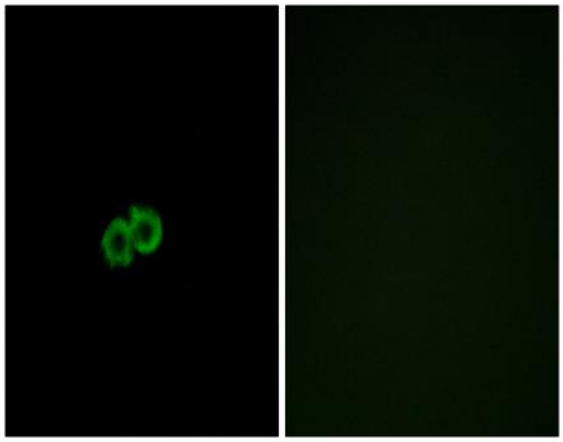
Background : GPR142 is a member of the rhodopsin family of G protein-coupled receptors (GPRs) (Fredriksson et al., 2003 [PubMed 14623098]).[supplied by OMIM, Mar 2008],

Function : function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Exclusively expressed in the central nervous system, most abundantly in the ventrolateral region of caudate putamen, the habenular nucleus, the zona incerta, and the medial mammillary nucleus.,

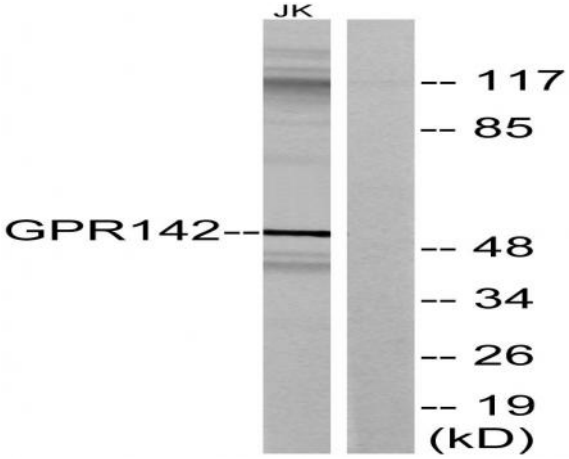
Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Exclusively expressed in the central nervous system, most abundantly in the ventrolateral region of caudate putamen, the habenular nucleus, the zona incerta, and the medial mammillary nucleus.

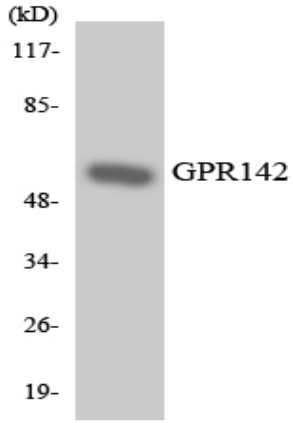
Products Images



Immunofluorescence analysis of A549 cells, using GPR142 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from Jurkat cells, using GPR142 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using GPR142 antibody.