Best Tools for immunology Research

GPR139 Polyclonal Antibody

Catalog No :	YT1972
Reactivity :	Human;Mouse;Rat
Applications :	WB;IF;ELISA
Target :	GPR139
Gene Name :	GPR139
Protein Name :	Probable G-protein coupled receptor 139
Human Gene Id :	124274
Human Swiss Prot No :	Q6DWJ6
Mouse Gene Id :	209776
Mouse Swiss Prot No :	Q80UC8
Rat Gene Id :	293545
Rat Swiss Prot No :	P0C0W8
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR139. AA range:181-230
Specificity :	GPR139 Polyclonal Antibody detects endogenous levels of GPR139 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: 1:5000. 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 : 40kD

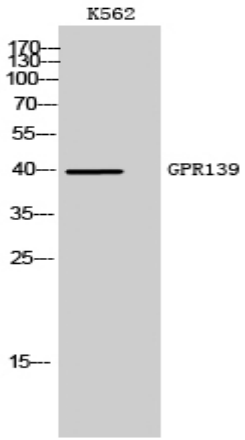
Background : This gene encodes a member of the rhodopsin family of G-protein-coupled receptors. The encoded protein is almost exclusively expressed in the central nervous system. L-tryptophan and L-phenylalanine may act as the physiologic ligands of the encoded protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],

Function : function:Orphan receptor. Seems to act through a G(q/11)-mediated pathway.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed almost exclusively in the brain. Detected at very low levels in the peripheral tissues.,

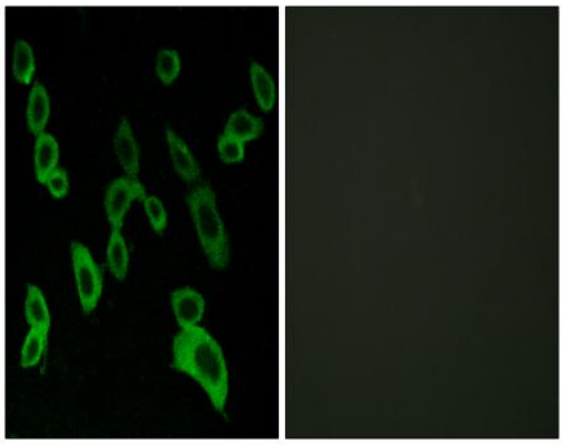
Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Expressed almost exclusively in the brain. Detected at very low levels in the peripheral tissues.

Products Images



Western Blot analysis of K562 cells using GPR139 Polyclonal Antibody



Immunofluorescence analysis of LOVO cells, using GPR139 Antibody. The picture on the right is blocked with the synthesized peptide.