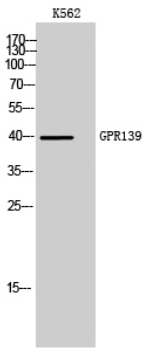
GPR139 Polyclonal Antibody

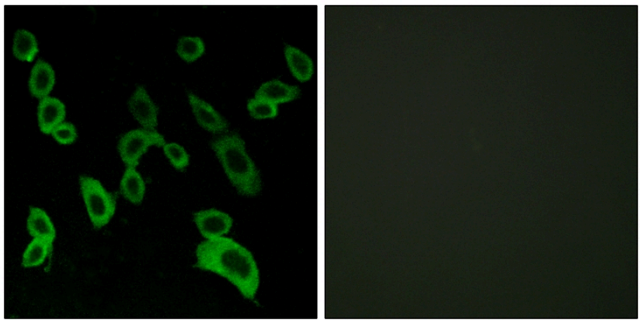
Catalog No	YP-Ab-13300
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IF;ELISA
Gene Name	GPR139
Immunogen	The antiserum was produced against synthesized peptide derived from human GPR139. AA range:181-230
Specificity	GPR139 Polyclonal Antibody detects endogenous levels of GPR139 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
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: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GPR139;Probable G-protein coupled receptor 139;GPRG1;PGR3;G(q)-coupled orphan receptor GPRg1;G-protein-coupled receptor PGR3
Observed Band	40kD
Calculated Molecular Weight	40kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Expressed almost exclusively in the brain. Detected at very low levels in the peripheral tissues.
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.,
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],

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 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.