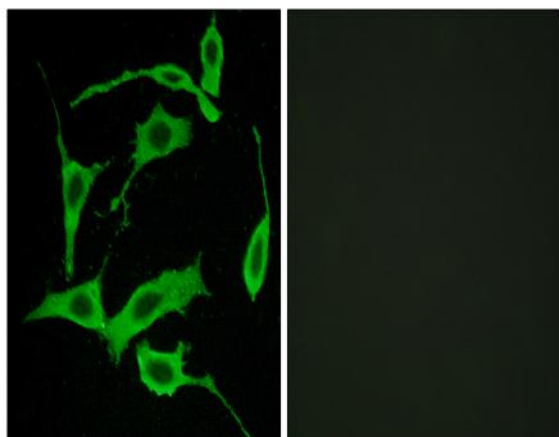


GPR85 Polyclonal Antibody

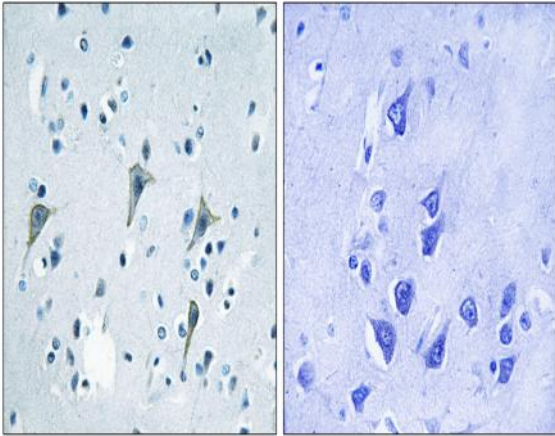
Catalog No :	YT2033
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	GPR85
Gene Name :	GPR85
Protein Name :	Probable G-protein coupled receptor 85
Human Gene Id :	54329
Human Swiss Prot No :	P60893
Mouse Gene Id :	64450
Mouse Swiss Prot No :	P60894
Rat Gene Id :	64020
Rat Swiss Prot No :	P60895
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR85. AA range:181-230
Specificity :	GPR85 Polyclonal Antibody detects endogenous levels of GPR85 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. 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)
Molecularweight :	42kD
Background :	Members of the G protein-coupled receptor (GPCR) family, such as GPR85, have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli, such as neurotransmitters, hormones, or light, induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins (Matsumoto et al., 2000 [PubMed 10833454]).[supplied by OMIM, Aug 2008],
Function :	function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Highly expressed in brain and testis. Lower levels in small intestine, placenta and spleen. In brain regions, detected in all regions tested, but somewhat lower levels in the corpus callosum, medulla and spinal cord.,
Subcellular Location :	Cell membrane ; Multi-pass membrane protein . Endoplasmic reticulum .
Expression :	Highly expressed in brain and testis. Lower levels in small intestine, placenta and spleen. In brain regions, detected in all regions tested, but somewhat lower levels in the corpus callosum, medulla and spinal cord.

Products Images



Immunofluorescence analysis of LOVO cells, using GPR85 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GPR85 Antibody. The picture on the right is blocked with the synthesized peptide.