

## GPR22 Polyclonal Antibody

<b>Catalog No :</b>	YT2009
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	IF;ELISA
<b>Target :</b>	GPR22
<b>Gene Name :</b>	GPR22
<b>Protein Name :</b>	Probable G-protein coupled receptor 22
<b>Human Gene Id :</b>	2845
<b>Human Swiss Prot No :</b>	Q99680
<b>Mouse Gene Id :</b>	73010
<b>Mouse Swiss Prot No :</b>	Q8BZL4
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human GPR22. AA range:271-320
<b>Specificity :</b>	GPR22 Polyclonal Antibody detects endogenous levels of GPR22 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 49kD

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**Background :** This gene is a member of the G-protein coupled receptor 1 family and encodes a multi-pass membrane protein. [provided by RefSeq, Jul 2008],

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**Function :** function:Orphan receptor.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:In the brain regions frontal cortex, caudate, putamen and thalamus; not in pons, hypothalamus and hippocampus.,

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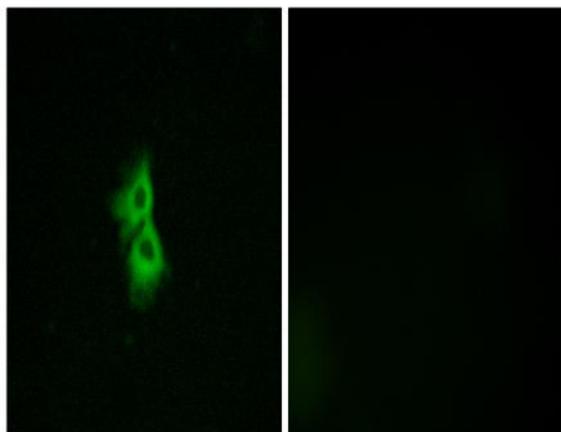
**Subcellular Location :** Cell membrane ; Multi-pass membrane protein .

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**Expression :** High expression in adult and fetal heart tissue (PubMed:18539757). Expressed in the brain, with enrichment in the accumbens, amygdala, cerebellum, cortex, and hippocampus regions (PubMed:9073069, PubMed:18539757).

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## Products Images



Immunofluorescence analysis of MCF7 cells, using GPR22 Antibody. The picture on the right is blocked with the synthesized peptide.