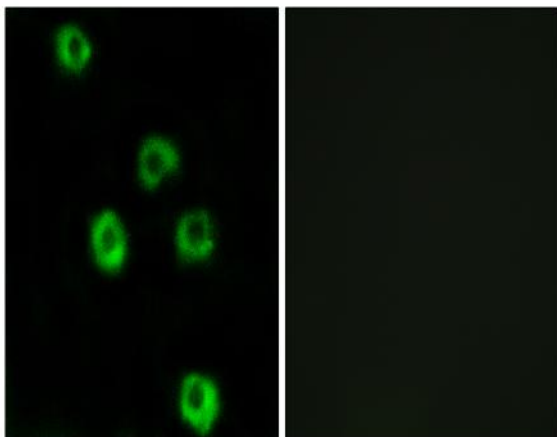


## Latrophilin-2 Polyclonal Antibody

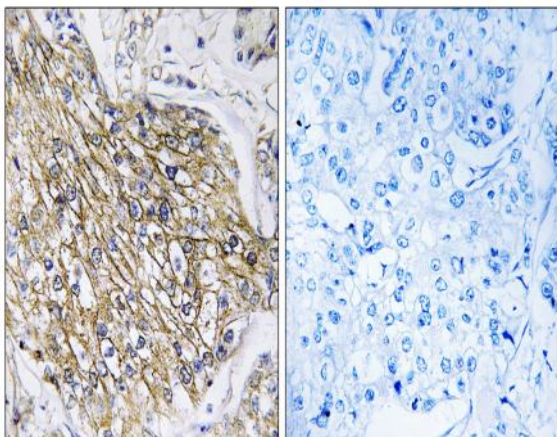
<b>Catalog No :</b>	YT2542
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	Latrophilin-2
<b>Gene Name :</b>	LPHN2
<b>Protein Name :</b>	Latrophilin-2
<b>Human Gene Id :</b>	23266
<b>Human Swiss Prot No :</b>	O95490
<b>Mouse Swiss Prot No :</b>	Q8JZZ7
<b>Rat Gene Id :</b>	171447
<b>Rat Swiss Prot No :</b>	O88923
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human LPHN2. AA range:551-600
<b>Specificity :</b>	Latrophilin-2 Polyclonal Antibody detects endogenous levels of Latrophilin-2 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>	IHC 1:100 - 1:300. 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)
<b>Molecularweight :</b>	163kD
<b>Background :</b>	<p>This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors. The encoded protein participates in the regulation of exocytosis. The proprotein is thought to be further cleaved within a cysteine-rich G-protein-coupled receptor proteolysis site into two chains that are non-covalently bound at the cell membrane. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],</p>
<b>Function :</b>	<p>function:Calcium-independent receptor of low affinity for alpha-latrotoxin, an excitatory neurotoxin present in black widow spider venom which triggers massive exocytosis from neurons and neuroendocrine cells. Receptor probably implicated in the regulation of exocytosis.,PTM:Proteolytically cleaved into 2 subunits, an extracellular subunit and a seven-transmembrane subunit.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 1 olfactomedin-like domain.,similarity:Contains 1 SUEL-type lectin domain.,subunit:Forms a heterodimer, consisting of a large extracellular region (p120) non-covalently linked to a seven-transmembrane moiety (p85).,tissue specificity:Expressed very widely in all normal tissues tested. Expression is variable in tumor cell lines, apparently elevated in some lines and absent or markedly r</p>
<b>Subcellular Location :</b>	Membrane ; Multi-pass membrane protein .
<b>Expression :</b>	Expressed very widely in all normal tissues tested. Expression is variable in tumor cell lines, apparently elevated in some lines and absent or markedly reduced in others.
<b>Sort :</b>	9133
<b>No4 :</b>	1

## Products Images



Immunofluorescence analysis of COS7 cells, using LPHN2 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using LPHN2 Antibody. The picture on the right is blocked with the synthesized peptide.