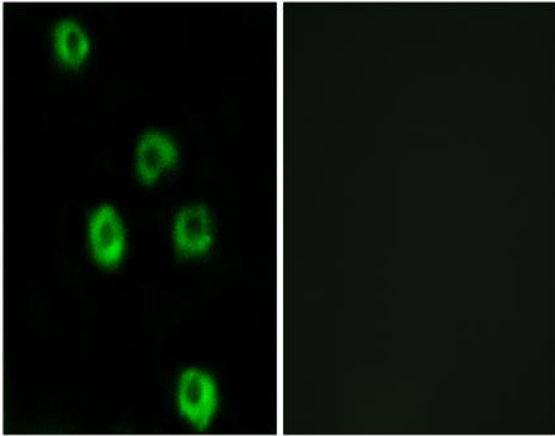


Latrophilin-2 Polyclonal Antibody

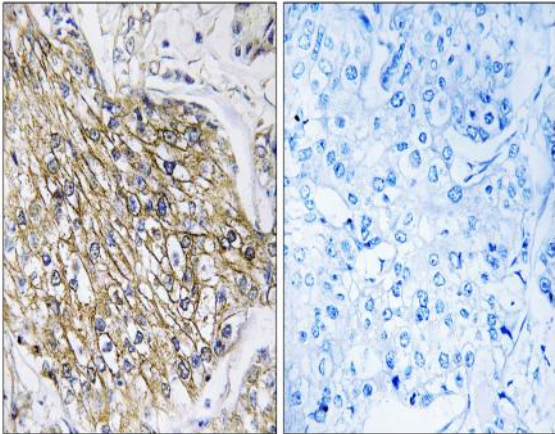
Catalog No :	YT2542
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	Latrophilin-2
Gene Name :	LPHN2
Protein Name :	Latrophilin-2
Human Gene Id :	23266
Human Swiss Prot No :	O95490
Mouse Swiss Prot No :	Q8JZZ7
Rat Gene Id :	171447
Rat Swiss Prot No :	O88923
Immunogen :	The antiserum was produced against synthesized peptide derived from human LPHN2. AA range:551-600
Specificity :	Latrophilin-2 Polyclonal Antibody detects endogenous levels of Latrophilin-2 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: 1:5000. 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)
Molecularweight :	163kD
Background :	<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>
Function :	<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>
Subcellular Location :	Membrane ; Multi-pass membrane protein .
Expression :	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.
Sort :	9133
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

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.