

GNG2 Polyclonal Antibody

Catalog No :	YT6269
Reactivity :	Human;Mouse
Applications :	IHC;ELISA
Target :	GNG2
Fields :	>>Ras signaling pathway;>>Chemokine signaling pathway;>>PI3K-Akt signaling pathway;>>Apelin signaling pathway;>>Circadian entrainment;>>Retrograde endocannabinoid signaling;>>Glutamatergic synapse;>>Cholinergic synapse;>>Serotonergic synapse;>>GABAergic synapse;>>Dopaminergic synapse;>>Relaxin signaling pathway;>>Morphine addiction;>>Alcoholism;>>Human cytomegalovirus infection;>>Kaposi sarcoma-associated herpesvirus infection;>>Human immunodeficiency virus 1 infection;>>Pathways in cancer
Gene Name :	GNG2
Protein Name :	GNG2
Human Gene Id :	54331
Human Swiss Prot No :	P59768
Immunogen :	Synthesized peptide derived from human GNG2 AA range: 1-50
Specificity :	This antibody detects endogenous levels of human GNG2
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:50-200, ELISA(peptide)1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. 1 mg/ml

Storage & Stability : -15°C to -25°C/1 year (Do not lower than -25°C)

Background : G protein subunit gamma 2 (GNG2) Homo sapiens This gene encodes one of the gamma subunits of a guanine nucleotide-binding protein. Such proteins are involved in signaling mechanisms across membranes. Various subunits form heterodimers which then interact with the different signal molecules. [provided by RefSeq, Aug 2011],

Function : function:Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction., similarity:Belongs to the G protein gamma family., subunit:G proteins are composed of 3 units, alpha, beta and gamma., tissue specificity:Expressed in fetal tissues, including testis, adrenal gland, brain, white blood cells and brain.,

Subcellular Location : Cell membrane ; Lipid-anchor ; Cytoplasmic side .

Expression : Expressed in fetal tissues, including testis, adrenal gland, brain, white blood cells and brain.

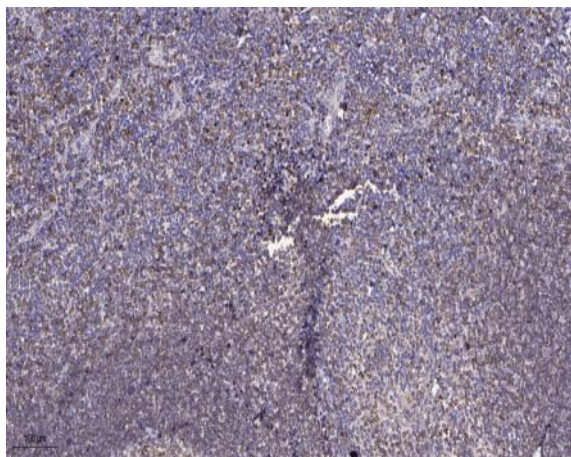
Sort : 6673

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45min).