Best Tools for immunology Research

GPR92 Polyclonal Antibody

Catalog No :	YT2036
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	GPR92
Fields :	>>Rap1 signaling pathway;>>Phospholipase D signaling pathway;>>PI3K-Akt signaling pathway;>>Regulation of actin cytoskeleton;>>Pathogenic Escherichia coli infection;>>Pathways in cancer
Gene Name :	LPAR5
Protein Name :	Lysophosphatidic acid receptor 5
Human Gene Id :	57121
Human Swiss Prot No :	Q9H1C0
Mouse Swiss Prot No :	Q149R9
Immunogen :	The antiserum was produced against synthesized peptide derived from human GPR92. AA range:241-290
Specificity :	GPR92 Polyclonal Antibody detects endogenous levels of GPR92 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. 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)

Observed Band : 40kD

Cell Pathway : PI3K/Akt

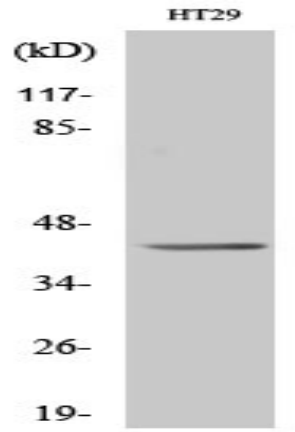
Background : lysophosphatidic acid receptor 5(LPAR5) Homo sapiens This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq, Dec 2008],

Function : function:Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Not expressed in frontal cortex, basal forebrain, caudate putamen, thalamus, or hippocampus.,

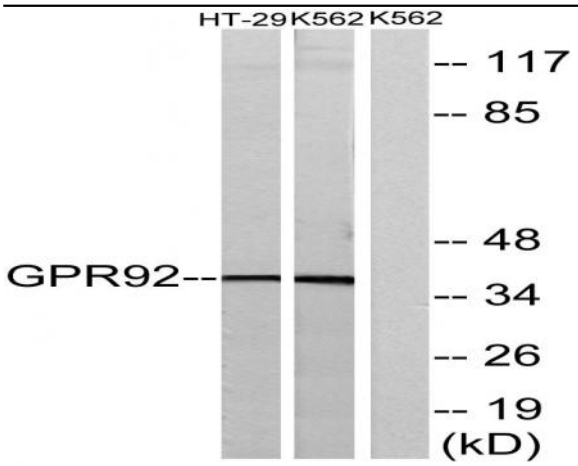
Subcellular Location : Cell membrane; Multi-pass membrane protein.

Expression : Not expressed in frontal cortex, basal forebrain, caudate putamen, thalamus, or hippocampus.

Products Images



Western Blot analysis of various cells using GPR92 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from HT-29 and K562 cells, using GPR92 Antibody. The lane on the right is blocked with the synthesized peptide.