

# Immunotag™ GPR92 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT2036
Product Description	Immunotag™ GPR92 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GPR92
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,IF,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	LPAR5
Accession No.	Q9H1C0 Q149R9
Alternate Names	LPAR5; GPR92; GPR93; Lysophosphatidic acid receptor 5; LPA receptor 5; LPA-5; G-protein coupled receptor 92; G-protein coupled receptor 93

## Antibody Specification

Description	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],
Cell Pathway/ Category	PI3K/Akt
Protein Expression	B-cell,Brain,Tongue,
Subcellular Localization	plasma membrane,integral component of membrane,
Protein 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.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.