

GPR91 Polyclonal Antibody

Catalog No :	YT2035
Reactivity :	Human;Mouse;Rat;Pig
Applications :	WB;IF;ELISA
Target :	GPR91
Fields :	>>cAMP signaling pathway
Gene Name :	SUCNR1
Protein Name :	Succinate receptor 1
Human Gene Id :	56670
Human Swiss Prot No :	Q9BXA5
Mouse Gene Id :	84112
Mouse Swiss Prot No :	Q99MT6
Rat Gene Id :	408199
Rat Swiss Prot No :	Q6IYF9
Immunogen :	The antiserum was produced against synthesized peptide derived from human SUCNR1. AA range:100-149
Specificity :	GPR91 Polyclonal Antibody detects endogenous levels of GPR91 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. IF 1:200 - 1:1000. ELISA: 1:10000. 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 :	38kD
Background :	This gene encodes a G-protein-coupled receptor for succinate, an intermediate molecule of the citric acid cycle. It is involved in the promotion of hematopoietic progenitor cell development, and it has a potential role in renovascular hypertension which has known correlations to renal failure, diabetes and atherosclerosis. [provided by RefSeq, Oct 2009],
Function :	function:Receptor for succinate.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed specifically in kidney.,
Subcellular Location :	Cell membrane ; Multi-pass membrane protein .
Expression :	Expressed specifically in kidney.

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