

PRLR Polyclonal Antibody

Catalog No :	YN2369
Reactivity :	Human
Applications :	WB;ELISA
Target :	PRLR
Fields :	>>Cytokine-cytokine receptor interaction;>>Neuroactive ligand-receptor interaction;>>PI3K-Akt signaling pathway;>>JAK-STAT signaling pathway;>>Prolactin signaling pathway
Gene Name :	PRLR
Protein Name :	Prolactin receptor (PRL-R)
Human Gene Id :	5618
Human Swiss Prot No :	P16471
Mouse Swiss Prot No :	Q08501
Rat Swiss Prot No :	P05710
Immunogen :	Synthesized peptide derived from human protein . at AA range: 80-160
Specificity :	PRLR Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
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 :	68kD
Cell Pathway :	Cytokine-cytokine receptor interaction;Neuroactive ligand-receptor interaction;Jak_STAT;
Background :	This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer. [provided by RefSeq, Feb 2011],
Function :	domain:The box 1 motif is required for JAK interaction and/or activation.,domain:The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.,function:This is a receptor for the anterior pituitary hormone prolactin (PRL). Isoforms 4 and 6 are unable to transduce prolactin signaling.,similarity:Belongs to the type I cytokine receptor family. Type 1 subfamily.,similarity:Contains 2 fibronectin type-III domains.,subcellular location:Isoform 7.,subunit:Interacts with SMARCA1. Interacts with GH1.,tissue specificity:Expressed in breast, placenta, kidney, liver and pancreas.,
Subcellular Location :	Membrane ; Single-pass type I membrane protein .; [Isoform 7]: Secreted.
Expression :	Expressed in breast, placenta, kidney, liver and pancreas.
Sort :	21048
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images