



PRLR Polyclonal Antibody

Catalog No	YP-Ab-07228
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	PRLR
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	2E10G5;hPRLrI;PRL R;PRL-R;prolactin receptor;PRLR;Prolactin receptor (PRL-R)
Observed Band	85-95 kDa
Calculated Molecular Weight	622 aa, 70 kDa
Cell Pathway	Membrane ; Single-pass type I membrane protein .; [Isoform 7]: Secreted.
Tissue Specificity	Expressed in breast, placenta, kidney, liver and pancreas.
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.,

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],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images