Best Tools for immunology Research

Prolactin Polyclonal Antibody

Catalog No :	YT5524
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	Prolactin
Fields :	>>Cytokine-cytokine receptor interaction;>>Neuroactive ligand-receptor interaction;>>PI3K-Akt signaling pathway;>>JAK-STAT signaling pathway;>>Prolactin signaling pathway
Gene Name :	PRL
Protein Name :	Prolactin
Human Gene Id :	5617
Human Swiss Prot No :	P01236
Mouse Swiss Prot No :	P06879
Immunogen :	The antiserum was produced against synthesized peptide derived from the Internal region of human PRL. AA range:131-180
Specificity :	Prolactin Polyclonal Antibody detects endogenous levels of Prolactin 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. ELISA: 1:20000.. IF 1:50-200
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 : 25kD

Cell Pathway : Cytokine-cytokine receptor interaction;Neuroactive ligand-receptor interaction;Jak_STAT;

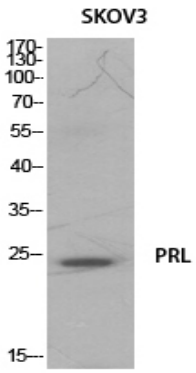
Background : This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011],

Function : function:Prolactin acts primarily on the mammary gland by promoting lactation.,online information:Prolactin entry,similarity:Belongs to the somatotropin/prolactin family.,

Subcellular Location : Secreted.

Expression : Mammary gland,Pituitary,Testis,

Products Images



Western Blot analysis of SKOV3 cells using Prolactin Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000