

## Prolactin Polyclonal Antibody

<b>Catalog No :</b>	YT5524
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	Prolactin
<b>Fields :</b>	>>Cytokine-cytokine receptor interaction;>>Neuroactive ligand-receptor interaction;>>PI3K-Akt signaling pathway;>>JAK-STAT signaling pathway;>>Prolactin signaling pathway
<b>Gene Name :</b>	PRL
<b>Protein Name :</b>	Prolactin
<b>Human Gene Id :</b>	5617
<b>Human Swiss Prot No :</b>	P01236
<b>Mouse Swiss Prot No :</b>	P06879
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human PRL. AA range:131-180
<b>Specificity :</b>	Prolactin Polyclonal Antibody detects endogenous levels of Prolactin protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	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;

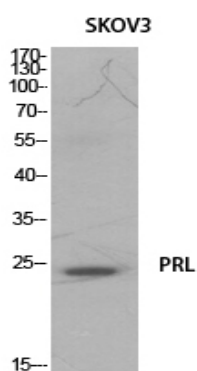
**Background :** This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results 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