



Anti-Prolactin polyclonal antibody (DPAB-TJ054)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description Prolactin (PRL), also known as luteotropic hormone or luteotropin, is a protein that in humans is best known for its role in enabling female mammals to produce milk, however, it is influential over a large number of functions with over 300 separate actions of PRL having been reported in various vertebrates. Prolactin is secreted from the pituitary gland in response to eating, mating, estrogen treatment, ovulation, and nursing. Prolactin is secreted in a pulsatile fashion in between these events. Prolactin also plays an essential role in: metabolism; regulation of the immune system; and pancreatic development.

Specificity	Bovine Prolactin
Target	Prolactin
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Bovine
Purification	Purified by DEAE column chromatography.
Conjugate	Unconjugated
Concentration	3.0 mg/ml
Size	1 mg
Buffer	Contains 0.05 M KPO ₄ , 0.85% NaCl, pH 7.4, 0.1% NaN ₃
Preservative	0.1% Sodium Azide
Storage	Store antibody at 2-8°C short term and -20°C long term.

GENE INFORMATION

Gene Name	PRL prolactin [Ovis aries (sheep)]
Official Symbol	PRL
Synonyms	PRL; prolactin; Prolactin;
Entrez Gene ID	443317
Protein Refseq	NP_001009306
UniProt ID	P01240
Chromosome Location	chromosome: 20