

## Product datasheet for **AP02115SU-S**

### Luteinizing Hormone beta (LHB) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, R, WB
Recommended Dilution:	<b>RIA</b> (1/500,000). <b>EIA</b> (1/400,000-1/800,000). <b>Western blot.</b> <b>Immunohistochemistry.</b>
Reactivity:	Bovine, Deer, Goat, Human, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Bovine Luteinizing Hormone
Specificity:	This antibody detects Luteinizing Hormone.
Formulation:	State: Serum State: Lyophilized Serum
Reconstitution Method:	Restore in aqua bidest to initial volume (20 µl).
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	luteinizing hormone beta polypeptide
Database Link:	<a href="#">Entrez Gene 3972 Human P01229</a>
Background:	Luteinizing Hormone is a member of the glycoprotein hormone family. Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. LH is expressed in the pituitary gland and promotes spermatogenesis and ovulation by stimulating the testes and ovaries to synthesize steroids. Mutations in the Luteinizing Hormone (LHB) gene are associated with hypogonadism which is characterized by infertility and pseudohermaphroditism.



[View online »](#)

**Synonyms:** CGB4; hLHB; LH-B; LSH-B; LSH-beta

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** GnRH signaling pathway, Neuroactive ligand-receptor interaction