

## Product datasheet for **AP09652PU-N**

### 17-beta-Testosterone Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	ELISA: 1.25µg/ml.
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	17beta Testosterone (7alpha)-BTG
Specificity:	This antibody reacts to 17beta-Testosterone.
Formulation:	20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative State: Ig Fraction State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Testosterone is the principal androgen, or male sex hormone. One of the group of compounds known as anabolic steroids, testosterone is secreted by the testes but is also synthesized in small quantities in the ovaries, cortices of the adrenal glands, and placenta, usually from cholesterol. Testosterone has a hydroxyl group at the C17 position which can be esterified, or altered by the substitution of an acid or other groups. Oxidation of the 17-b-OH to a 17-keto group, or conversion to a 17 a-OH, results in steroids with significantly decreased androgen activity.



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