

## Product datasheet for **AP09854PU-N**

### Zeranol Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 0.3125 µg/ml
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Zearalanone (7)-BTG
Specificity:	This antibody recognizes Zeranol
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 (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Zeranol is a non-steroidal oestrogenic growth promoter. It increases liveweight gain in food animals following implantation Zeranol (alpha-Zearalanol) is a non-steroidal estrogen agonist. It is a mycotoxin, derived from fungi in the Fusarium family, and may be found as a contaminant in fungus-infected crops. It is 3-4x more potent as an estrogen agonist than the related compound Zearalenone. (1)
Synonyms:	Taleranolium, Taleranol, beta zearalanol
Note:	Molecular Formula: C <sub>18</sub> H <sub>26</sub> O <sub>5</sub> Molar Mass 322.4 g/mol CAS Number: 26538-44-3



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