

Product datasheet for **AP09856PU-L**

Zeranol Sheep Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA |
| Recommended Dilution: | ELISA: 10 µg/ml |
| Host: | Sheep |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | Zeranol-HSA |
| 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: | Taleranolum, Taleranol, beta zearalanol |
| Note: | Molecular Formula: C ₁₈ H ₂₆ O ₅ Molar Mass 322.4 g/mol CAS Number: 26538-44-3 |



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