

AP09838PU-L**Polyclonal Antibody to Tetracycline (4) - Ig Fraction**

Alternate names:	Abricycline, Achromycin, Agromicina, Ambramicina, Ambramycin, Biocycline, Criseociclina, Enterocycline, Tsiklomistsin
Quantity:	1 ml
Concentration:	15.33 mg/ml (U.V.abs @ 280nm)
Background:	Tetracyclines are a group of broad spectrum antibiotics effective against a wide range of bacteria. They are commonly used to treat infections such as mastitis in dairy cattle and other food producing animals however have also been abused as growth promoters. Failure to follow antibiotic label instructions and milk withholding guidelines may result in the presence of harmful drug residues in milk.
Host / Isotype:	Sheep / IgG
Immunogen:	Tetracycline (4)-BSA
Format:	State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 Preservatives: 0.09% Sodium Azide
Applications:	ELISA: 20 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Tetracycline (100%). Cross-Reactivity: Tetracycline: 100% Chlortetracycline: 3.0% Oxytetracycline: 1.0%
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.