

AP09849PU-L**Polyclonal Antibody to Triclabendazole - Ig Fraction****Alternate names:**

3-dichlorophenoxy)-2-methylsulfanyl-1H-benzimidazole, 6-chloro-5-(2, Egaten, Fasinex, Triclabendazolum

Quantity:

1 ml

Concentration:

10.18 mg/ml (U.V.abs @ 280nm)

Background:

Triclabendazole is a member of the benzimidazole family of anthelmintics. The benzimidazole drugs share a common molecular structure, Triclabendazole being the exception in having a chlorinated benzene ring but no carbamate group.

Triclabendazole was initially only developed as an oral route drug and displays high efficacy against both immature and adult liver fluke.

It is generally accepted that benzimidazoles like Triclabendazole bind to beta-tubulin and prevent the polymerisation of the microtubules of which they are part.

Host / Isotype:

Sheep / IgG

Immunogen:

Triclabendazole-BTG

Format:

State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures.

Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative.

Applications:

ELISA: 2.5 µg/ml

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody recognizes Triclabendazole

Storage:

Store the antibody (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.