

AP09730PU-L**Polyclonal Antibody to Hydrocodone - Ig Fraction****Alternate names:**

Dihydrocodone

Quantity:

1 ml

Concentration:

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

Background:

Hydrocodone, also known as Dihydrocodone is a semisynthetic opioid derived from two of the naturally occurring opiates, codeine and thebaine. It is used as an analgesic and cough suppressant. As an analgesic, it is commonly combined with another analgesic, such as paracetamol (acetaminophen) or aspirin, increasing its effectiveness without increasing opioid-related side-effects. Hydrocodone may be used recreationally, but since most preparations are available as combinations, with paracetamol present in most, hepatotoxicity from excessive paracetamol ingestion is a potential problem.

Host / Isotype:

Sheep / IgG

Immunogen:

Hydrocodone(6)-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: 1.25 µg/ml.

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

Specificity:

This antibody recognizes Hydrocodone

Storage:

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

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.