

## OriGene Technologies, Inc.

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## **AP09639PU-N** Polyclonal Antibody to 17-alpha-Estradiol - Ig Fraction

Quantity: 0.1 ml

Concentration: 8.61mg/ml (U.V. abs @ 280nm)

**Background:** 17 alpha estradiol, (8R,9S,13S,14S,17R)-13-methyl-6,7,8,9,11,12,14,15,16,17-decahydro

cyclopenta[a]phenanthrene-3,17-diol, has estrogen activity. It has a molecular weight

272.38196 g/mol and molecular formula C18H24O2.

Host / Isotype: Sheep / IgG

Immunogen: 17alpha Estradiol (3)-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: 0.625µg/ml.

Other applications not tested. Optimal dilutions are dependent on conditions and

should be determined by the user.

**Specificity:** This antibody reacts to 17alpha-Estradiol.

Storage: Store the antibody at -20°C.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.