**AP21325PU-N**

**Polyclonal Antibody to 3-alpha-HSD - Aff - Purified**

**Alternate names:**
3-alpha-hydroxysteroid dehydrogenase, HSD28, Hydroxyproglandin dehydrogenase

**Quantity:**
1 mg

**Concentration:**
2.0 mg/ml

**Uniprot ID:**
P19992

**NCBI:**
1905

**Host / Isotype:**
Rabbit / IgG

**Immunogen:**
3alpha-20beta-Hydroxysteroid dehydrogenase isolated and purified from Streptomyces hydrogenans. Freund's complete adjuvant is used in the first step of the immunization procedure.

**Format:**
- **State:** Lyophilized hyperimmune purified IgG fraction
- **Purification:** Solid Phase Affinity Chromatography
- **Buffer System:** PBS, pH 7.2 stabilized with Dextran and without preservatives and foreign proteins
- **Reconstitution:** Restore by adding 0.5 ml sterile distilled water

**Applications:**
This product is intended for use in precipitating and non-precipitating antibody-binding assays (such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques), to prepare an insoluble immuno-affinity adsorbent, for labelling with a marker of choice.

**Working Dilutions:**
Non-precipitating antibody-binding techniques: 1/10,000-1/100,000.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**
3-alpha-20-beta Hydroxysteroid Dehydrogenase from Streptomyces hydrogenans.
The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, Single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and enzyme inhibition.
Cross-reactivities against enzymes of other sources may occur but have not been determined.

**Species:** Streptomyces hydrogenans.
Other species not tested.

**Storage:**
Store the antibody lyophilized at 2-8°C and reconstituted at 2-8°C for one week or (in aliquots) at -20°C for longer.
If a slight precipitation occurs upon storage, this should be removed by centrifugation.
Shelf life: one year from despatch.