AP21325PU-N  Polyclonal Antibody to 3-alpha-HSD - Aff - Purified

Alternate names: 3-alpha-hydroxysteroid dehydrogenase, HSD28, Hydroxyprostaglandin 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.