

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 <i>Streptomyces hydrogenans</i> . 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 <i>Streptomyces hydrogenans</i> . 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: <i>Streptomyces hydrogenans</i> . 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.