

Goat anti-SRD5A1 / 5-alpha reductase 1 Antibody

Item Number dAP-0622

Target Molecule Principle Name: SRD5A1 / 5-alpha reductase 1; Official Symbol: SRD5A1; All Names and Symbols: SRD5A1; steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1); 5-alpha reductase; steroid 5-alpha-reductase type I; 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1; steroid-5-alpha-reductase 1; Accession Number (s): NP_001038.1; Human Gene ID(s): 6715; Non-Human GenelD(s):

Immunogen ATATGVAEERLLC, is from N Terminus

Applications Pep ELISA, IHC

Species Tested: Human

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 128000.

Western Blot

IHC Immunohistochemistry: In paraffin embedded Human Prostate shows reticulate staining in the cytoplasm of secretory cells in the gland.. Recommended concentration: 4-6 μ g/ml. Paraffin embedded Human Liver. Recommended concentration: 5 μ g/ml.

Reference Reference(s): Iczkowski KA, Qiu J, Qian J, Somerville MC, Rittmaster RS, Andriole GL, Bostwick DG. The dual 5-alpha-reductase inhibitor dutasteride induces atrophic changes and decreases relative cancer volume in human prostate. *Urology*. 2005 Jan;65(1):76-82. .PMID: 15667867 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**