



## Goat anti-SRD5A1 Antibody

<b>Item Number</b>	dAP-2575
<b>Target Molecule</b>	Principle Name: SRD5A1; 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); 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1; 5-alpha reductase; OTTHUMP00000115519; steroid 5-alpha-reductase type I; steroid-5-alpha-red; Accession Number (s): NP_001038.1; Human Gene ID(s): 6715; Non-Human GeneID(s): 78925 (mouse)
<b>Immunogen</b>	RNLRKPGDTGYK, is from internal region
<b>Applications</b>	Pep ELISA, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Prostate, Liver and Small Intestine. Recommended concentration: 3.75ug/ml.
<b>Reference</b>	Reference(s): Torkko KC, van Bokhoven A, Mai P, Beuten J, Balic I, Byers TE, Hokanson JE, Norris JM, BarÅ³n AE, Lucia MS, Thompson IM, Leach RJ, VDR and SRD5A2 polymorphisms combine to increase risk for prostate cancer in both non-Hispanic White and Hispanic White men. Clin. Cancer Res. 2008 May

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**