

## Goat anti-SRD5A2 / 5-alpha reductase 2 Antibody

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| <b>Item Number</b>     | dAP-0577                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target Molecule</b> | Principle Name: SRD5A2 / 5-alpha reductase 2; Official Symbol: SRD5A2; All Names and Symbols: SRD5A2; steroid-5-alpha-reductase, alpha polypeptide 2 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 2); steroid 5-alpha-reductase 2; MGC138457; 3-oxo-5 alpha-steroid 4-dehydrogenase 2; Accession Number (s): NP_000339.2; Human Gene ID(s): 6716; Non-Human GenID(s): |
| <b>Immunogen</b>       | QVQCQQSPVLAG, is from N Terminus                                                                                                                                                                                                                                                                                                                                            |
| <b>Applications</b>    | Pep ELISA, WB<br>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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.                                                                                    |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 8000.                                                                                                                                                                                                                                                                                                                 |
| <b>Western Blot</b>    | Western Blot: Approx 26kDa band observed in Human Prostate and Breast lysates (calculated MW of 28.4kDa according to NP_000339.2). Recommended concentration: 0.3-1µg/ml.                                                                                                                                                                                                   |
| <b>IHC</b>             |                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reference</b>       | 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. <i>Urology</i> . 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 end users! This product is sold for **Research Use Only**