

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06639 - Goat Anti-SRD5A2 / 5-alpha reductase 2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** 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

**Official Symbol:** SRD5A2

**Accession Number(s):** NP\_000339.2

**Human GeneID(s):** [6716](#)

### Immunogen

Peptide with sequence QVQCQQSPVLG, from the N Terminus of the protein sequence according to NP\_000339.2.

Please note the [peptide](#) is available for sale.

### Purification and Storage

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

Supplied at 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.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**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.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB06639 (0.3µg/ml) staining of Human Prostate lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.