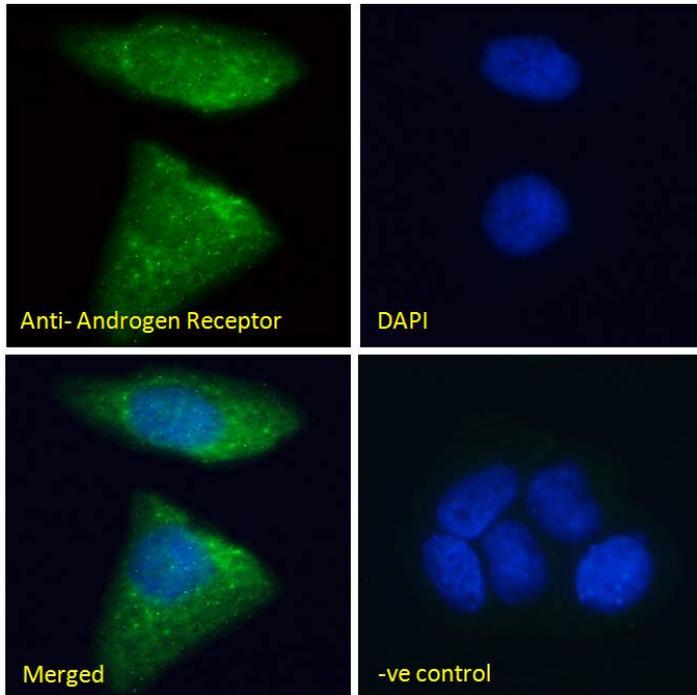




# GOAT ANTI-ANDROGEN RECEPTOR ANTIBODY

SKU: EB06441



## SPECIFICATIONS

**Formulation** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

**Storage Instructions** Aliquot and store at -20°C. Minimize freezing and thawing.

**Synonym /** RP11-383C12.1|dihydrotestosterone receptor|androgen

**Alias Names** receptor|HYSP1|HUMARA|SMAX1|NR3C4|SBMA|DHTR|TFM|AIS|KD|AR|dihydrotestosterone receptor|androgen receptor

**Usage Summary** **Immunofluorescence:** Strong expression of the protein seen in the mitochondria/cytoplasm of MCF7 and U2OS cells. Recommended concentration: 10µg/ml. **Chromatin**

**Immunoprecipitation:** A six-fold increased presence of the FKBP5 locus observed when comparing the precipitations using EB06441 with non-specific goat IgG to bring down Androgen Receptor in a chromatin lysate from DHT-stimulated HEC50 cells.

**Accession ID** NP\_000035.2

**Blocking Peptide** EBP06441



|                              |   |
|------------------------------|---|
| <b>Immunogen</b>             | Peptide with sequence EVQLGLGRVYRPPSC, from the N Terminus of the protein sequence according to NP_000035.2.  |
| <b>Product Comments</b>      | This antibody is expected to recognize isoform 1 (NP_000035.2) only.  |
| <b>Peptide Sequence</b>      | EVQLGLGRVYRPPSC   |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.   |
| <b>Shipping Instructions</b> | Refrigerated  |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog, Pig, Cow  |
| <b>Reactive Species</b>      | Human, Mouse  |
| <b>Human Gene ID</b>         | 367   |
| <b>Mouse Gene ID</b>         | 11835   |
| <b>Rat Gene ID</b>           | 24208   |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>   |
| <b>IHC Results</b>           | In paraffin embedded Human Prostate shows nuclear staining in the secretory cells of the gland. Recommended concentration: 2-3µg/ml. Cryosections of Mouse Hypothalamus and Amygdala. Recommended dilution range: 1:20,000.   |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:64000.  |
| <b>Western Blot</b>          | Approx 100kDa band observed in Human Cerebellum lysates (calculated MW of 99.2kDa according to NP_000035.2). Recommended concentration:0.1-0.5µg/ml. Primary incubation 1 hour at room temperature. <strong> Negative Control:</strong> Human Pancreas lysate. Preliminary testing was unsuccessful on Mouse and Rat for this particular batch. |
| <b>Application Type</b>      | Pep-ELISA, WB, IHC, IF, ChIP  |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

