

Goat anti-Androgen Receptor Antibody

Item Number	dAP-0494
Target Molecule	Principle Name: Androgen Receptor; Official Symbol: AR; All Names and Symbols: AR; androgen receptor; dihydrotestosterone receptor; KD; AIS; TFM; DHTR; SBMA; NR3C4; SMAX1; HUMARA; HYSP1; androgen receptor; dihydrotestosterone receptor; RP11-383C12.1; Accession Number (s): NP_000035.2; Human Gene ID(s): 367; Non-Human GeneID(s): 11835 (mouse) 24208 (rat)
Immunogen	EVQLGLGRVYPRPPSC, is from N Terminus This antibody is expected to recognize isoform 1 (NP_000035.2) only.
Applications	Pep ELISA, WB, IHC, ChIP 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 64000.
Western Blot	Western Blot: Approx 95kDa band observed in Human Brain lysates (calculated MW of 99kDa according to NP_000035.2). Recommended concentration: 0.3-2µg/ml. Primary incubation was 1 hour. Preliminary testing was unsuccessful on Mouse and Rat for this parti
IHC	Immunohistochemistry: In paraffin embedded Human Prostate shows nuclear staining in the secretory cells of the gland. Recommended concentration: 2-3µg/ml.
Reference	Reference(s): Trapman J, Klaassen P, Kuiper GG, van der Korput JA, Faber PW, van Rooij HC, Geurts van Kessel A, Voorhorst MM, Mulder E, Brinkmann AO. Cloning, structure and expression of a cDNA encoding the human androgen receptor. Biochem Biophys Res Commun. 1988 May 31;153(1):241-8. .PMID:

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**