

## Anti-Androgen Receptor antibody (N-Term) (STJ70576)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC/IF/ChIP
Host / Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Pig/Cow

### PRODUCT PROPERTIES

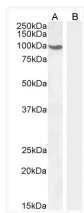
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:64000. WB: Approx 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 t
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

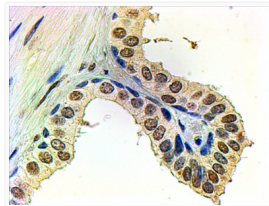
Gene ID	<a href="#">367</a>
Gene Symbol	<a href="#">AR</a>
UniProt ID	<a href="#">ANDR_HUMAN</a>
Immunogen Region	N-Term
Immunogen Sequence	EVQLGLGRVYPRPPSC
Specificity	This antibody is expected to recognize isoform 1 (NP_000035.2) only.

### ADDITIONAL INFORMATION

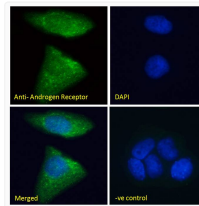
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



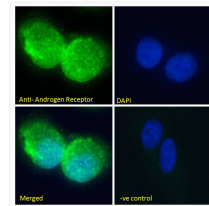
STJ70576 (0.5 µg/ml) staining of Human Cerebellum (A) and (0.1 µg/ml) negative control Pancreas (B) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



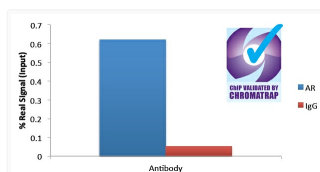
STJ70576 (2 µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



STJ70576 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing Mitochondrial/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



STJ70576 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing Mitochondrial/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).



ChIP of 2 µg STJ70576 with 1 µg DHT-treated HEC50 chromatin using the Chromatrap® spin column sonication kit (Protein G) measuring FKBP5 enrichment.