

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

STJ70576

GENERAL INFORMATION

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|--------------------------|---|
| Product Type | Primary antibodies |
| Short Description | Goat polyclonal antibody anti-Androgen Receptor (N-Term) is suitable for use in ELISA and Western Blot research applications. |
| Applications | Pep-ELISA, WB |
| Host/Source | Goat |
| Reactivity | Human, Mouse, Rat, Dog, Pig, Cow |

PRODUCT PROPERTIES

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|----------------------------|---|
| Clonality | Polyclonal |
| Clone ID | |
| 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 | WB-Recommended concentration:0.1-0.5µg/ml IHC-2-3µg/ml IF-Strong expression of the protein seen in the mitochondria/cytoplasm of MCF7 and U2OS cells. 10µg/ml ELISA-antibody detection limit dilution 1:64000. |
| Formulation | 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| Isotype | IgG |
| Storage Instruction | Store at-20 on receipt and minimise freeze-thaw cycles. |

TARGET INFORMATION

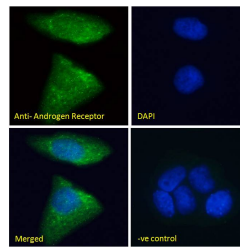
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|---------------------------|--|
| Gene ID | 367 |
| Gene Symbol | AR |
| Uniprot ID | ANDR_HUMAN |
| Immunogen | |
| Immunogen Region | N-Term |
| Specificity | This antibody is expected to recognize isoform 1 (NP_000035.2) only. |
| Immunogen Sequence | EVQLGLGRVYPRPPSC |



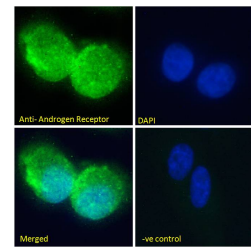
STJ70576 (0.5 µg/ml) staining of Human Cerebellum (A) and (0.1 µg/ml) negative control Pancreas (B) lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



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).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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