

Datasheet: VPA00046

BATCH NUMBER 167733

Description:	GOAT ANTI ANDROGEN RECEPTOR
Specificity:	ANDROGEN RECEPTOR
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography.
Buffer Solution	TRIS buffered saline.
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Peptide with sequence EVQLGLGRVYPRPPSC from the N-terminus of the androgen receptor.

**External Database
Links**

UniProt:

[P10275](#)

[Related reagents](#)

Entrez Gene:

[367](#)

AR

[Related reagents](#)

Synonyms

DHTR, NR3C4

Specificity

Goat anti Human androgen receptor antibody recognizes the human androgen receptor (AR), also known as the dihydrotestosterone receptor or nuclear receptor subfamily 3 group C member 4. AR is a ligand-activated transcription factor that belongs to a large family of nuclear receptor proteins. Unbound AR resides predominately in the cytoplasm as a heteromeric complex with hsp90 and other chaperone proteins. These chaperone proteins maintain AR in a form that is receptive to ligand binding. Upon ligand binding, AR recruits a variety of factors including coactivators and mediator proteins whose enzymatic activities promote chromatin remodeling and transcriptional regulation of target genes leading to cell differentiation, survival, and proliferation.

Mutated AR is strongly implicated in development of prostate adenocarcinoma and metastases development.

Goat anti Human androgen receptor antibody recognizes androgen receptor as a single band of approximately 110 kDa in LNCaP cell lysates by western blotting under reducing conditions.

Western Blotting

Goat anti androgen receptor detects a band of approximately 110 kDa in LNCaP cell lysates.

Storage

Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee

12 months from date of despatch.

Acknowledgements

PrecisionAb is a trademark of Bio-Rad Laboratories.

**Health And Safety
Information**

Material Safety Datasheet documentation #10058 available at:
<https://www.bio-rad-antibodies.com/SDS/VPA00046>
Antibody (10058)

Regulatory

For research purposes only.

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets
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