

Datasheet: VPA00046

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

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. 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 dependant 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	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin
Immunogen	Peptide with sequence EVQLGLGRVYPRPPSC from the N-terminus of the androgen receptor.
External Database Links	<p>UniProt: P10275 Related reagents</p> <p>Entrez Gene: 367 AR Related reagents</p>
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.
-------------------------	--

Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
-----------------------------	---

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

Shelf Life	As supplied, 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: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
--------------------------------------	---

Regulatory	For research purposes only
-------------------	----------------------------

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M284833:160321'

Printed on 01 May 2018

© 2018 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)