

Product Datasheet

Androgen Receptor Antibody (orb18847)

Catalog Number	orb18847
Category	Antibodies
Description	Goat polyclonal antibody to AR
Target	Androgen Receptor
Clonality	Polyclonal
Species/Host	Goat
Conjugation	Unconjugated
Reactivity	Human
Predicted Reactivity	Bovine, Canine, Mouse, Porcine, Rat
Form/Appearance	Liquid
Buffer/Preservatives	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Purity	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Immunogen	Peptide with sequence EVQLGLGRVYPRPPSC, from the N Terminus of the protein sequence
Protein Sequence	EVQLGLGRVYPRPPSC
RRID	AB_10750893

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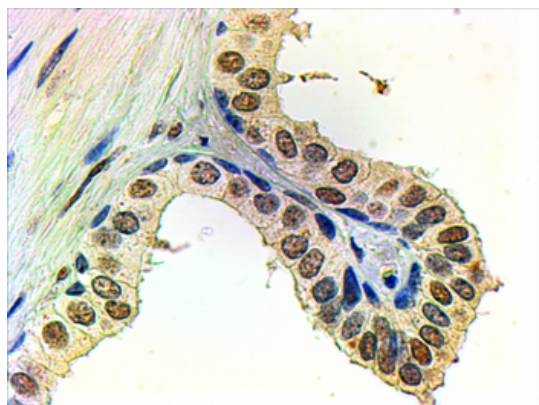
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MW	Approx 100kDa band observed in Human Cerebellum lysates (calculated MW of 99.2kDa)
Tested applications	ChIP, ELISA, IF, IHC, WB
Dilution range	ELISA: 1:64000, WB: 0.1-0.5 µg/ml, IHC-P: 2-3 µg/ml
Application notes	ELISA: Peptide ELISA: antibody detection limit dilution 1:64000.WB: Approx 95kDa band observed in Human Brain and Human Heart lysates (calculated MW of 99kDa according to NP_000035). Recommended concentration: 0.3-2 µg/ml.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	367



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



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

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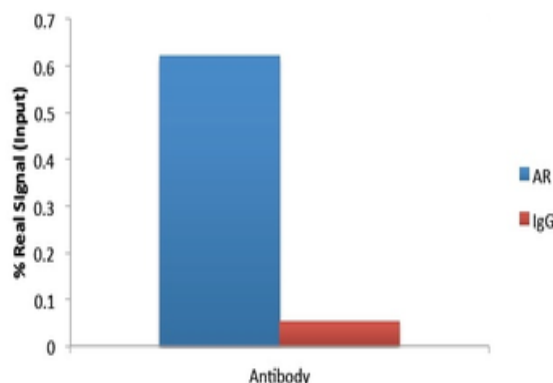
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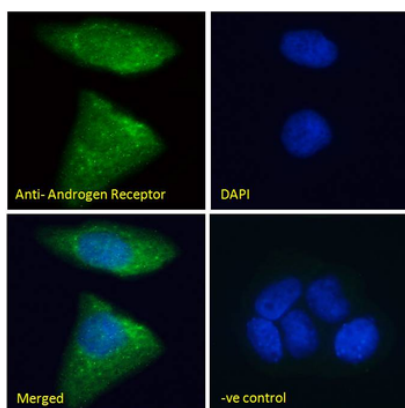
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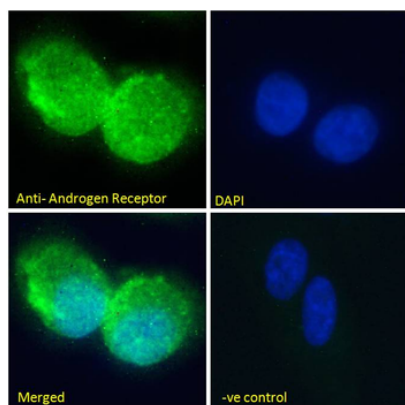
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ChIP of 2 µg with 1 µg DHT-treated HEC50 chromatin using the spin column sonication kit (Protein G) measuring FKBP5 enrichment.



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).



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).

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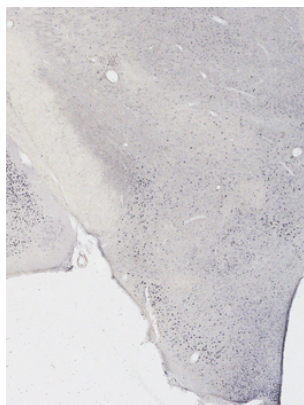
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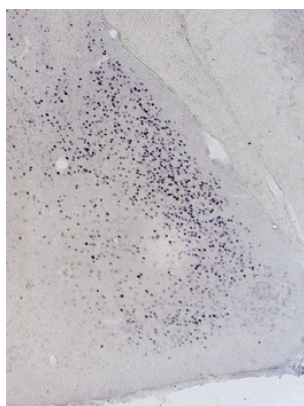
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Immunostaining of 25µm thick cryosections of PFA-perfused Mouse Hypothalamus, antigen retrieval with citrate buffer Ph 6 at 80°C for 30 min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification.



Immunostaining of 25µm thick cryosections of PFA-perfused Mouse Amygdala, antigen retrieval with citrate buffer Ph 6 at 80°C for 30 min, HRP-staining with Ni-DAB after Biotin-SP-antigoat amplification.

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