

## Anti-Androgen Receptor AR Rabbit Monoclonal Antibody

Catalog Number: M00542-2

### About AR

Dynamin-related GTPase required for mitochondrial fusion and regulation of apoptosis. May form a diffusion barrier for proteins stored in mitochondrial cristae. Proteolytic processing in response to intrinsic apoptotic signals may lead to disassembly of OPA1 oligomers and release of the caspase activator cytochrome C (CYCS) into the mitochondrial intermembrane space.

### Overview

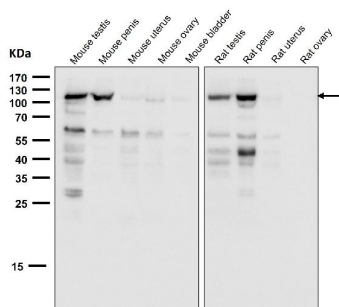
Product Name	Anti-Androgen Receptor AR Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Androgen Receptor AR Rabbit Monoclonal Antibody catalog # M00542-2. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC, ICC, WB
Clonality	Monoclonal CDF-1
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10275

### Technical Details

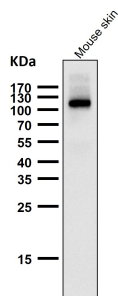
Immunogen	A synthesized peptide derived from human Androgen Receptor
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
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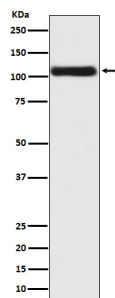
## Anti-Androgen Receptor AR Rabbit Monoclonal Antibody (M00542-2) Images



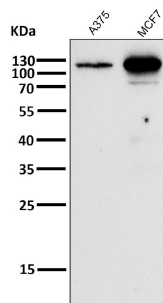
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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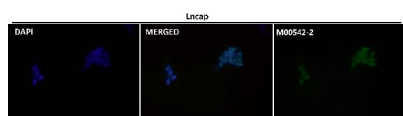
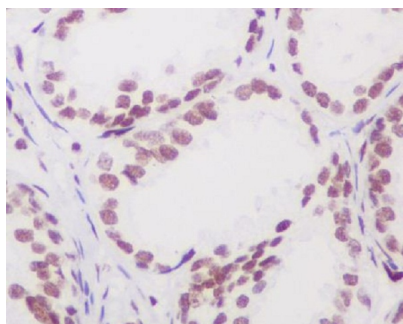


Western blot analysis of Androgen Receptor expression in Lncap cell lysate.

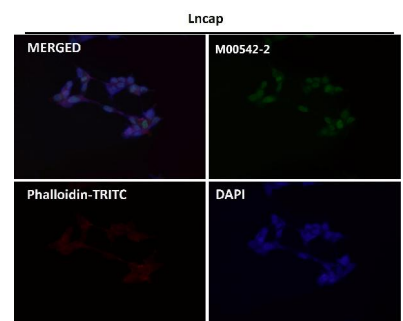


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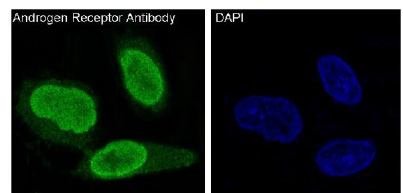
Immunohistochemical analysis of paraffin-embedded human prostate, using Androgen Receptor Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:500 dilution.



Immunofluorescent analysis of MCF7 cells, using Androgen Receptor Antibody .

### 3 Publications Citing This Product

1. PubMed ID: 27073450, Changes in mitotic reorientation and Wnt/AR signaling in rat prostate epithelial cells exposed to subchronic testosterone
2. PubMed ID: 25667651, Zhang Y, Shen Y, Cao B, Yan A, Ji H. Exp Ther Med. 2015 Mar;9(3):905-908. Epub 2014 Dec 19. Elevated Expression Levels Of Androgen Receptors And Matrix Metalloproteinase-2 And -9 In 30 Cases Of Hepatocellular Carcinoma Compared With Adjacent Tissue...
3. PubMed ID: 26798404, Yangjing Capsule Ameliorates Spermatogenesis in Male Mice Exposed to Cyclophosphamide

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