

## Androgen receptor Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX00029

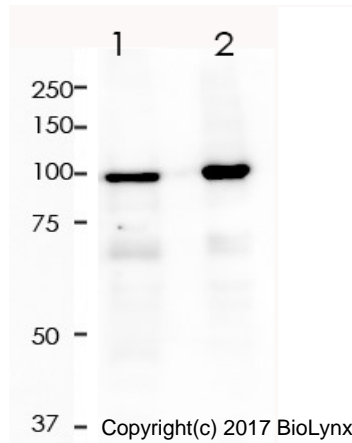
Clone# RR632

**Predicted Molecular Wt:** 110kDa  
**Species Cross-reactivity:** Human Mouse Rat  
*Species cross-reactivity determined by WB*  
**Applications:** WB IHC-P

**Purity:** ProA affinity purified IgG  
**Form:** Liquid  
**Swissprot ID:** P10275

### Background:

Steroid hormone receptors are ligand-activated transcription factors that regulate eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Transcription factor activity is modulated by bound coactivator and corepressor proteins. Transcription activation is down-regulated by NROB2. Activated, but not phosphorylated, by HIPK3 and ZIPK/DAPK3.



All lanes: Anti-Androgen receptor antibody at 1:5,000 dilution

Predicted MW: 110 kDa  
 Observed MW: 110 kDa

Lane 1: Rat Testis  
 Lane 2: Mu Testis

Lysate at 10 µg per lane  
 2nd Ab:  
 G&R HRP(H+L) 1:10,000  
 Exposure: 180s

### Immunogen:

A synthetic peptide corresponding to residues on the N-terminus of human AR was used as an immunogen.

### Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

### Storage conditions:

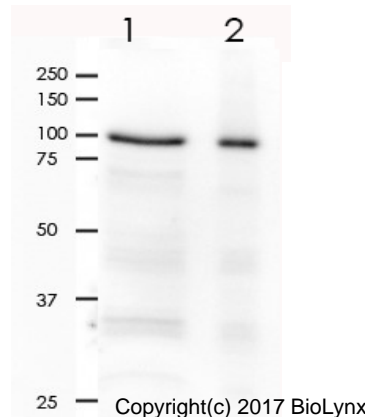
-20°C.

### Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

### Recommended Dilutions:

WB: 1:5,000 - 1:10,000  
 IHC-P: 1:100 - 1:200



All lanes: Anti-Androgen receptor antibody at 1:2,000 dilution

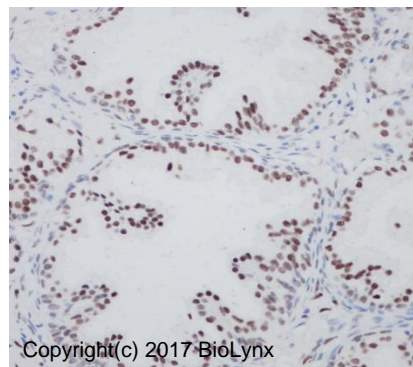
Predicted MW: 110 kDa  
 Observed MW: 110 kDa

Lane 1: T47D  
 Lane 2: A549

Lysate at 10 µg per lane  
 2nd Ab:  
 G&R HRP(H+L) 1:5,000  
 Exposure: 60s

### Background References:

1. Taniai, E et al. Toxicol Lett 224:64-72 (2013).
2. Chikamori, K. et al. J. Biol. Chem. 278, 12696-12702 (2003).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate tissue labelling Androgen Receptor with RR632 at 1:200. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

Product QC'd by: 

For research use only. Not for use in diagnostic or therapeutic applications.