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Androgen Receptor Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50122
Clone# BP6126

Predicted Molecular Wt:	99kDa	**Purity:**	ProA affinity purified IgG
Species Cross-reactivity:	Human	**Form:**	Liquid
Applications:	IHC-P	**Swissprot ID:**	P10275

Background:

Androgen Receptor is a member of the superfamily of ligand responsive transcription regulators. The androgen receptor functions in the nucleus where it is believed to act as a transcriptional regulator mediating the action of male sex hormones. The androgen receptor has wide distribution and can be demonstrated by immunohistochemistry in several tissues including prostate, skin, and oral mucosa. Androgen receptor has been reported in a diverse range of human tumors including osteosarcoma, and in prostatic carcinoma androgen receptor expression may be of clinical relevance.
Androgen Receptor is recommended for the detection of specific antigens of interest in normal and neoplastic tissues, as an adjunct to conventional histopathology using non-immunologic histochemical stains.

Subcellular location:

Nucleus

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide corresponding to residues within aa1-100 of Androgen Receptor was used as an immunogen.

Storage Buffer:

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

Storage conditions:

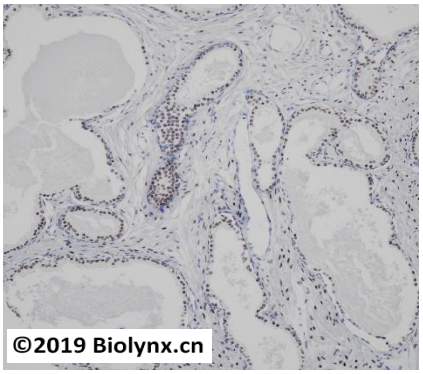
-20°C

Storage instructions:

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

Recommended Dilutions:

IHC-P: 1:100-1:200



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of prostate labelling Androgen Receptor with BP6126. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0.

Background References:

1. Siu MK et al. Oncogenesis 5:e282 (2016).

2. Urbinati G et al. Mol Ther Nucleic Acids 5:e301 (2016).

Product QC'd by:

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