Recombinant Androgen Receptor (CT) Monoclonal Antibody

catalog number: **AN301437L**

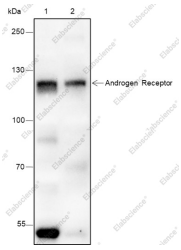
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthetic peptide derived from Androgen Receptor (AR) (C-term) anti
Host	Rabbit
Isotype	Rabbit IgG
Clone	C121060
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000

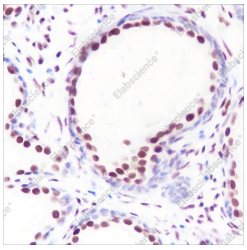
Data



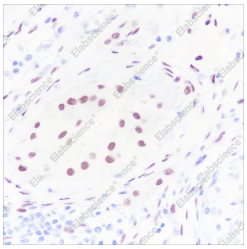
Western Blot with Androgen Receptor Monoclonal Antibody at dilution of 1:2000. Lane 1: Mouse testis, Lane 2: Rat testis

Observed-MW:120 kDa

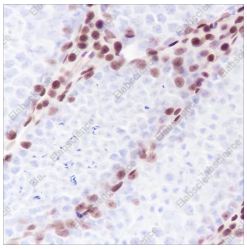
Calculated-MW:99 kDa



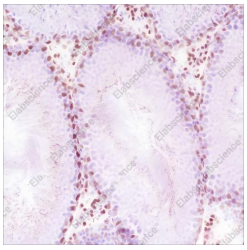
Immunohistochemistry of paraffin-embedded Human prostate using Androgen Receptor Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human seminoma using Androgen Receptor Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Mouse testis using Androgen Receptor Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat testis using Androgen Receptor Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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 like ZBTB7A that recruits NCOR1 and NCOR2 to the androgen response elements/ARE on target genes, negatively regulating androgen receptor signaling and androgen-induced cell proliferation. Transcription activation is also down-regulated by NR0B2. Activated, but not phosphorylated, by HIPK3 and ZIPK/DAPK3.9 Publications Isoform 3 and isoform 4 lack the C-terminal ligand-binding domain and may therefore constitutively activate the transcription of a specific set of genes independently of steroid hormones.

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