For Research Use Only

AR Polyclonal antibody

Catalog Number:19783-1-AP 1 Publications

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Basic Information

Catalog Number:
19783-1-AP

Concentration:
N/A

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_000044

GeneID (NCBI):
367

UNIPROT ID:
P10275

Full Name:
androgen receptor

Calculated MW:
99 kDa

Purification Method:
Antigen affinity purification

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
rat

Background Information

AR, also named as DHTR and NR3C4, belongs to the nuclear hormone receptor family and NR3 subfamily. AR is a 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. AR is activated, but not phosphorylated, by HIPK3. Defects in AR are the cause of androgen insensitivity syndrome (AIS), previously known as testicular feminization syndrome (TFM), which is an X-linked recessive form of pseudohermaphroditism due end-organ resistance to androgen. Defects in AR are the cause of spinal and bulbar muscular atrophy X-linked type 1 (SMAX1) which also known as Kennedy disease. Defects in AR may play a role in metastatic prostate cancer. Defects in AR are the cause of androgen insensitivity syndrome partial (PAIS) which also known as Reifenstein syndrome. This antibody is a rabbit polyclonal antibody raised against a peptide mapping within human AR.

Notable Publications

Author	Pubmed ID	Journal	Application
Dawei Ni	39885225	Sci Rep	WB,IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
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Selected Validation Data