

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-androgen receptor



Numéro de catalogue: 22576-1-AP

2 Publications

Informations de base

Numéro de catalogue:
22576-1-AP

Taille:
150ul, Concentration: 400 µg/ml by Nanodrop and 287 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG17385

Numéro d'acquisition GenBank:
BC132975

Identification du gène (NCBI):
367

Nom complet:
androgen receptor

MW calculé:
914 aa, 99 kDa

MW observés:
110 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Applications

Applications testées:
ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, porc, singe

Espèces citées:
Humain

Informations générales

Androgen receptor (AR) also known as Dihydrotestosterone receptor (DHT), Nuclear receptor subfamily 3 group C member 4 (NR3C4). It is one of steroid hormone receptors, which 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. Defects in AR are the cause of androgen insensitivity syndrome (AIS). Affected males have female external genitalia, female breast development, blind vagina, absent uterus and female adnexa, and abdominal or inguinal testes, despite a normal 46,XY karyotype. Defects in AR are the cause of spinal and bulbar muscular atrophy X-linked type 1 (SMA1). In SMA1 patients the number of Gln ranges from 38 to 62. Longer expansions result in earlier onset and more severe clinical manifestations of the disease. Defects in AR may play a role in metastatic prostate cancer. The mutated receptor stimulates prostate growth and metastases development despite of androgen ablation. This treatment can reduce primary and metastatic lesions probably by inducing apoptosis of tumor cells when they express the wild-type receptor. Defects in AR are the cause of androgen insensitivity syndrome partial (PAIS). PAIS is characterized by hypospadias, hypogonadism, gynecomastia, genital ambiguity, normal XY karyotype, and a pedigree pattern consistent with X-linked recessive inheritance. Some patients present azoospermia or severe oligospermia without other clinical manifestations. This antibody is a rabbit polyclonal antibody. It can specifically recognize the 110kd AR protein.

Publications notables

Autrice	Pubmed ID	Journal	Application
Kejun Cheng	29904891	Med Oncol	WB
Qingfu Deng	30664187	Mol. Med Rep	WB, IHC, IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

