

Nur für Forschungszwecke

androgen receptor Polyklonaler Antikörper



Katalog-Nr.: 22576-1-AP

2 Publikationen

Allgemeine Informationen

Katalog-Nr.: 22576-1-AP	GenBank-Zugangsnummer: BC132975	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop und 287 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 367	
Wirt: Kaninchen	Vollständiger Name: androgen receptor	
Isotyp: IgG	Berechnete Masse: 914 aa, 99 kDa	
Immunogen Katalognummer: AG17385	Beobachtete Masse: 110 kDa	

Anwendungen

Geprüfte Anwendungen:
ELISA

In Publikationen genannte Anwendungen:
IF, IHC, WB

Getestete Reaktivität:
Affe, Hausschwein, Human

Zitierte Arten:
Human

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Kejun Cheng	29904891	Med Oncol	WB
Qingfu Deng	30664187	Mol Med Rep	WB, IHC, IF

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% 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)
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