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Androgen Receptor Rabbit mAb

货号: AYM31074

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IP FC ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	44kDa/67kDa/99kDa
实测分子量	110kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,Mouse kidney
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

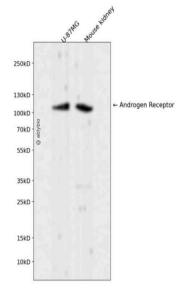
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Androgen Receptor.

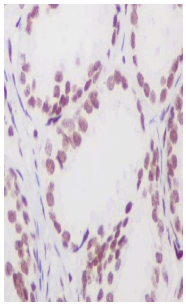
靶点信息

研究背景	The androgen receptor gene is more than 90 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. This gene contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of its protein. Expansion of the polyglutamine tract from the normal 9-34 repeats to the pathogenic 38-62 repeats causes spinal bulbar muscular atrophy (Kennedy disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Two alternatively spliced variants encoding distinct isoforms have been described.
基因ID	367
基因名	AR
Swiss	P10275 (https://www.uniprot.org/uniprotkb/P10275/entry)
别名	Androgen Receptor,ANDR_HUMAN,Androgen nuclear receptor variant 2,Androgen receptor (dihydrotestosterone receptor,testicular feminization,spinal and bulbar muscular atrophy,Kennedy disease),androgen receptor splice variant 4b,AR,AR8,DHTR,Dihydro testosterone receptor,Dihydrotestosterone receptor (DHTR),Dihydrotestosterone receptor,HUMARA,HYSP1,KD,Kennedy disease (KD),NR3C4,Nuclear receptor subfamily 3 group C member 4 (NR3C4),Nuclear receptor subfamily 3 group C member 4,SBMA,SMAX1,Spinal and bulbar muscular atrophy (SBMA),Testicular Feminization (TFM),TFM,Androgen Receptor Rabbit mAb

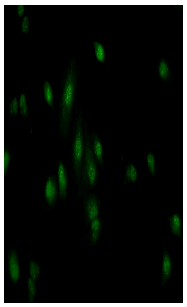
产品验证



Western blot analysis of Androgen Receptor expressed in U-87MG,Mouse kidney using Androgen Receptor Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human prostate, using Androgen Receptor Antibody.



Immunofluorescence analysis of HeLa cells labelling Androgen Receptor with . The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，shown in green) at room temprature for 1h.

实验步骤

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