

Rabbit AR Polyclonal Antibody | anti-AR antibody

AR Rabbit Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30774	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, Immunohistochemistry, ELISA

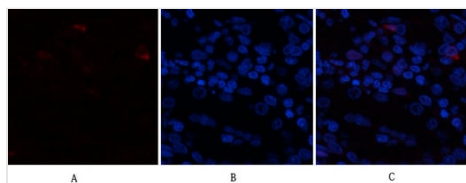
PRODUCT SYNONYMS

AR; Polyclonal Antibody; AR Rabbit Polyclonal Antibody; DHTR; NR3C4; Androgen receptor; Dihydrotestosterone receptor; Nuclear receptor subfamily 3 group C member 4; BH6842; anti-AR antibody

PRODUCT SPECIFICATIONS

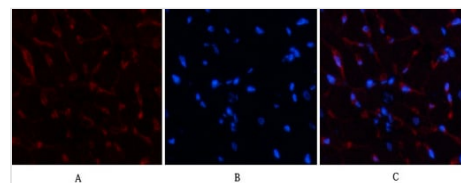
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	AR Polyclonal Antibody detects endogenous levels of AR protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AR antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	IF: 1:50-200 WB: 1:500-2000 ELISA: 1:10000-20000 IHC: 1:50-300
Immunogen	Synthesized peptide derived from the Internal region of human AR.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



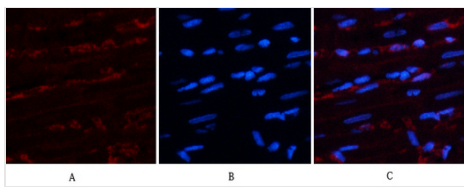
IF (Immunofluorescence)

Immunofluorescence analysis of human-stomach tissue. 1,AR Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



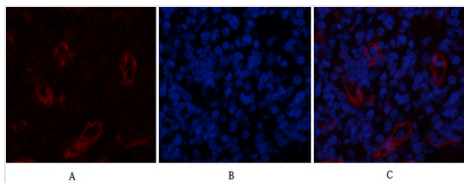
IF (Immunofluorescence)

Immunofluorescence analysis of rat-heart tissue. 1,AR Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



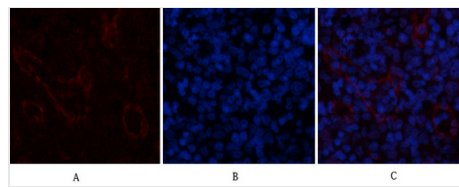
IF (Immunofluorescence)

Immunofluorescence analysis of rat-heart tissue. 1,AR Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



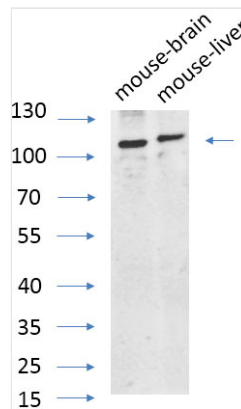
IF (Immunofluorescence)

Immunofluorescence analysis of rat-spleen tissue. 1,AR Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of rat-spleen tissue. 1,AR Polyclonal Antibody(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



WB (Western Blot)

Western Blot analysis of various cells using primary antibody diluted at 1:1000(4 degree C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25 degree C, 1 hour). Cell lysate was extracted by Minute™ Plasma Membrane Protein Isolation and Cell Fractionation Kit(SM-005, Inventibiotech,MN,USA).

ADDITIONAL INFORMATION

Related Product Information for anti-AR antibody

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 isoform

NCBI AND UNIPROT INFORMATION

NCBI GI #	21322252
NCBI GeneID	367
NCBI Accession #	NP_000035.2
NCBI GenBank Nucleotide #	NM_000044.3
UniProt Accession #	P10275 ; Q9UD95 ; A2RUN2 ; B1AKD7
Molecular Weight	98,989 Da
NCBI Official Full Name	androgen receptor isoform 1
NCBI Official Synonym Full Names	androgen receptor
NCBI Official Symbol	AR
NCBI Official Synonym Symbols	KD; AIS; TFM; DHTR; SBMA; HYSPI; NR3C4; SMAX1; HUMARA

NCBI Protein Information	androgen receptor; dihydrotestosterone receptor; androgen nuclear receptor variant 2; nuclear receptor subfamily 3 group C member 4
UniProt Protein Name	Androgen receptor
UniProt Gene Name	AR
UniProt Synonym Gene Names	DHTR; NR3C4
UniProt Entry Name	ANDR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ar-antibody-immunofluorescence-immunocytochemistry-western-blot-immunohistochemistry-elisa/30774>