

Androgen Receptor (Acetyl Lys632) Rabbit pAb

CatalogNo: YK0099

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 105kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:1000-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human AR (Acetyl Lys632)

Specificity This antibody detects endogenous levels of Human, Mouse AR (Acetyl Lys632). The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): LKkLG

| Target Information

Gene name AR DHTR NR3C4

Protein Name Androgen receptor (Acetyl Lys632)

Organism	Gene ID	UniProt ID
Human	367 ;	P10275 ;
Mouse	11835 ;	P19091 ;
Rat	24208 ;	P15207 ;

Cellular Localization Nucleus . Cytoplasm . Detected at the promoter of target genes (PubMed:25091737) . Predominantly cytoplasmic in unligated form but translocates to the nucleus upon ligand-binding. Can also translocate to the nucleus in unligated form in the presence of RACK1. .

Tissue specificity [Isoform 2]: Mainly expressed in heart and skeletal muscle. ; [Isoform 3]: Expressed in basal and stromal cells of the prostate (at protein level) .

Function urogenital system development , in utero embryonic development , reproductive developmental process , transcription ,transcription , DNA-dependent , regulation of transcription , DNA-dependent , regulation of transcription from RNA polymerase II promoter , intracellular signaling cascade , cell-cell signaling , sex determination , sex differentiation , cell death , cell proliferation , regulation of cell size , gonad development , male gonad development , response to endogenous stimulus , response to hormone stimulus , embryonic development ending in birth or egg hatching , positive regulation of biosynthetic process , response to organic substance , positive regulation of macromolecule biosynthetic process , positive regulation of macromolecule metabolic process , positive regulation of gene expression , cell growth ,death , somatic sex determination , male somatic sex determination , male sex determination , steroid hormone receptor signaling pathway , androgen receptor signaling pathway , intracellular receptor-mediated signaling pathway , prostate gland development , positive regulation of cellular biosynthetic process , regulation of cellular component size , RNA biosynthetic process , response to insulin stimulus , growth , chordate embryonic development , response to peptide hormone stimulus , development of primary sexual characteristics , regulation of transcription , positive regulation of transcription , DNA-dependent , positive regulation of nucleobase , nucleoside , nucleotide and nucleic acid metabolic process , positive regulation of transcription , positive regulation of transcription from RNA polymerase II promoter ,development of primary male sexual characteristics , male sex differentiation , reproductive structure development ,gland development , positive regulation of nitrogen compound metabolic process , regulation of RNA metabolic process ,positive regulation of RNA metabolic process ,

| Validation Data

| Contact information

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(Acetyl Lys632)
Rabbit pAb**

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