

AR (phospho-Y363) polyclonal antibody

Catalog: BS4650

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Androgens exhibit a wide range of effects on the development, maintenance and regulation of male phenotype and reproductive physiology in males. The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. ARs bind active testosterone (T) and dihydrotestosterone (DHT). The rates of association and dissociation of T are about 3 times more rapid than those of DHT. This difference in binding kinetics may account for the different physiological effects of T and DHT. Androgen binding results in an at least 6-fold increase in androgen receptor stability.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 110 kDa

Swiss-Prot:

P10275

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

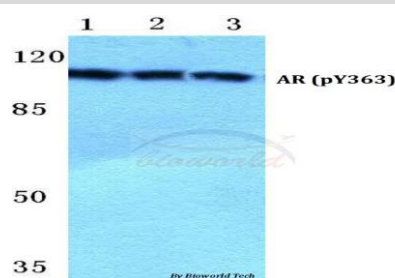
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

p-AR (Y363) polyclonal antibody detects endogenous levels of AR protein when phosphorylated at Tyr363.

DATA:



Western blot (WB) analysis of p-AR (Y363) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate treated with UV(4h)

Lane2:Mouse spleen tissue lysate

Lane3:Rat spleen tissue lysate

Note:

For research use only, not for use in diagnostic procedure.

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