

AR- β 3 (L291) polyclonal antibody

Catalog: BS3158

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Beta 3-adrenergic receptors (b3-ARs) bind catecholamines (epinephrine, norepinephrine), and primarily regulate lipolysis and thermogenesis in adipose. b3-ARs are present in adipose tissues, heart, and in smooth muscle of bladder, colon, small intestine, and stomach. The human corpus cavernosum exhibits basal b3-AR-mediated vasorelaxant tone and activity is linked to inhibition of the RhoA/Rho-kinase pathway. b3-AR interacts directly with the SH3 domain of Src through proline-rich motifs (PXXP) in the third intracellular loop and the carboxy-terminus.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 43, 68 kDa

Swiss-Prot:

P13945

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

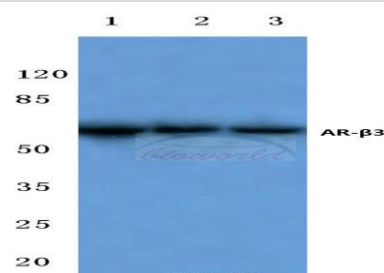
Storage&Stability:

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

Specificity:

AR- β 3 (L291) polyclonal antibody detects endogenous levels of AR- β 3 protein.

DATA:



Western blot (WB) analysis of AR- β 3 (L291) polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:Mouse kidney tissue lysate

Lane3:Rat liver tissue lysate

Note:

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

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