

**AR- $\beta$ 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 vaso-relaxant 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:**

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

**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:**

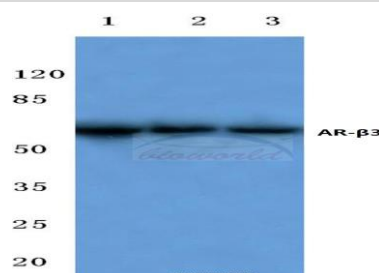
WB: 1:500~1:1000

**Storage&Stability:**

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

**Specificity:**

AR- $\beta$ 3 (L291) polyclonal antibody detects endogenous levels of AR- $\beta$ 3 protein.

**DATA:**

Western blot (WB) analysis of AR- $\beta$ 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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