

**BDKRB2 polyclonal antibody**

Catalog: BS90132

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Kinins are important biologically active peptides that mediate cardiovascular homeostasis, inflammation and nociception. Bradykinin, the major effector peptide of the kallikrein-kinin system, is regulated by angiotensin-converting enzyme (ACE), which degrades the peptide. Bradykinin normally exerts its effects through the activation of two seven transmembrane G-protein coupled receptors, named B1 and B2. The B2 receptor is constitutively expressed and preferentially binds full length bradykinin. Deletion of the B2 receptor leads to salt-sensitive hypertension and altered nociception in mice. The B1 receptor binds to derivatives of bradykinin and kallidin, which are produced by carboxypeptidase action to generate the products des-Arg9-bradykinin and des-Arg10-kallidin, respectively. The expression of the B1 receptor is inducible by inflammatory mediators, such as bacterial lipopolysaccharide (LPS) and cytokines. The B1 and B2 receptors represent potential therapeutic targets for treatment of inflammatory disorders and cardiovascular diseases.

**Product:**

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

**Molecular Weight:**

80 kDa

**Swiss-Prot:**

P30411(Human)

**Purification&Purity:**

ProA affinity purified

**Applications:**

WB:1:500-1:1,000

FC:1:50-1:100

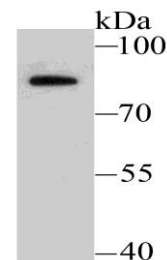
IP:1:10-1:50

**Storage&Stability:**

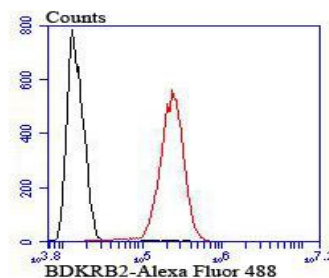
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

**Specificity:**

BDKRB2 polyclonal antibody detects endogenous levels of BDKRB2 protein.

**DATA:**

Western blot analysis of BDKRB2 on MCF-7 cell lysate using anti-BDKRB2 antibody at 1/500 dilution.



Flow cytometric analysis of SH-SY5Y cells with BDKRB2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

**Note:**

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

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151