

BDKRB1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200

Calculated MW: 40kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human BDKRB1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

B1R; BKR1; B1BKR; BKB1R; BDKRB2; BRADYB1;

Catalog #: A1959

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 623

Isotype: IgG

Swiss Prot: P46663

Purity: Affinity purification

For research use only.

Background:

Bradykinin, a 9 aa peptide, is generated in pathophysiologic conditions such as inflammation, trauma, burns, shock, and allergy. Two types of G-protein coupled receptors have been found which bind bradykinin and mediate responses to these pathophysiologic conditions. The protein encoded by this gene is one of these receptors and is synthesized de novo following tissue injury. Receptor binding leads to an increase in the cytosolic calcium ion concentration, ultimately resulting in chronic and acute inflammatory responses. Several transcript variants encoding different isoforms have been found for this gene.

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