Rabbit Polyclonal antibody to Human BDKRB1.

**CPBT-27558RH  Rabbit(BDKRB1)
Lot. No. (See product label)**

**PRODUCT INFORMATION**

**Product Overview**  
Rabbit Polyclonal antibody to Human BDKRB1.

**Antigen Description**  
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.

**Target**  
BDKRB1

**Immunogen**  
Synthetic peptide derived from the internal region of human BDKRB1

**Host**  
Rabbit

**Isotype**  
IgG

**species**  
Human

**Purification**  
Immunogen affinity purified

**Applications**  
WB, ELISA, ICC/IF

**Cellular localization**  
Cell membrane; Multi-pass membrane protein.

**PACKAGING**

**Format**  
Liquid

**Buffer**  
Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg2+ and Ca2+), 150mM Sodium chloride, pH 7.4

**Storage**  
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

**ANTIGEN GENE INFORMATION**

**Gene Name**  
BDKRB1 bradykinin receptor B1 [ Homo sapiens ]

**Official Symbol**  
BDKRB1

**Synonyms**  
BDKRB1; bradykinin receptor B1; B1 bradykinin receptor; B1BKR; BKR1; bradyb1; B1 bradykinin receptor; B1BK; B1R; BDKR B1; BDKRB 1; BK 1 receptor; BKB1R; BK 1; BK R1; BRADY B1; BRADYB1; Bradycinin receptor 1; bradykinin B1 receptor; B1R; BKB1R; BRADYB1;

**GeneID**  
623

**mRNA Refseq**  
NM_000710

**Protein Refseq**  
NP_000701

**MIM**  
600337

**UniProt ID**  
P46663
**Chromosome Location**  14q32.1-q32.2

**Pathway**  
ACE Inhibitor Pathway, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A1 (Rhodopsin-like receptors), organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;

**Function**  
G-protein coupled receptor activity; bradykinin receptor activity; peptide binding; receptor activity; signal transducer activity;

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**REFERENCES**

