

BDKRB1 Rabbit Polyclonal Antibody



CAB1959

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

40kDa

Calculated MW:

40kDa

Applications:

WB IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

623

Uniprot

P46663

Synonyms:

BDKRB1; B1BKR; B1R; BDKRB2; BKB1R; BKR1; BRADYB1

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

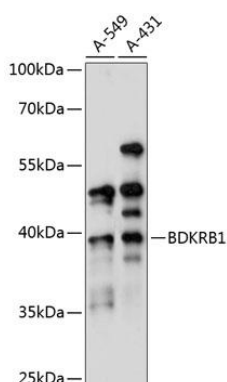
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human BDKRB1 (NP_000701.2).

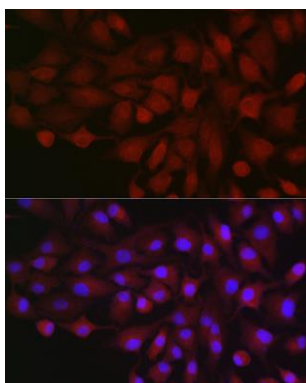
Storage:

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

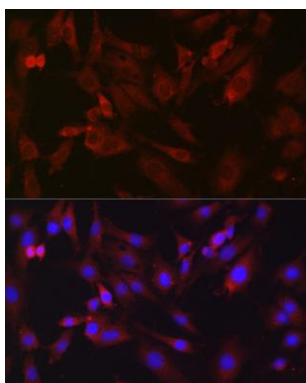
Product Images



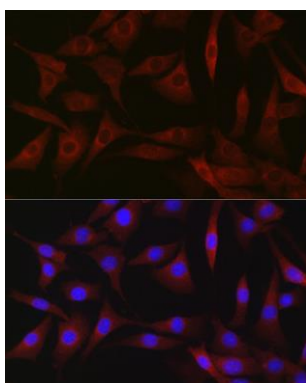
Western blot analysis of extracts of various cell lines, using BDKRB1 antibody (CAB1959) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.



Immunofluorescence analysis of A549 cells using BDKRB1 Rabbit pAb (CAB1959) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using BDKRB1 Rabbit pAb (CAB1959) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using BDKRB1 Rabbit pAb (CAB1959) at dilution of 1:250 (40x lens). Blue: DAPI for nuclear staining.