

Bradykinin B1 R Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00963
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human BDKRB1. AA range:201-250
Mol wt	40495
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Bradykinin B1 R Antibody
Synonyms	BDKRB1; BRADYB1; B1 bradykinin receptor; B1R; BK-1 receptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 BDKRB1 (bradykinin receptor B1) 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 BDKRB1.

Recommended Dilution

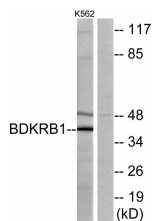
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

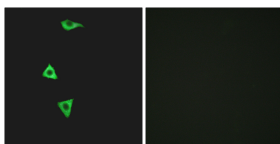
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, using BDKRB1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of LOVO cells, using BDKRB1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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