



Bradykinin B1 R rabbit pAb

Cat No.:ES7106

For research use only

Overview

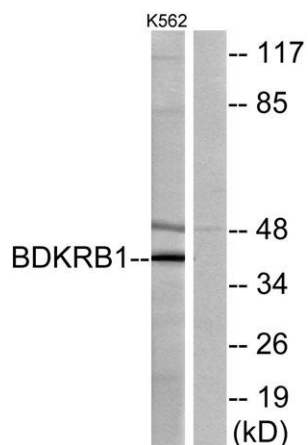
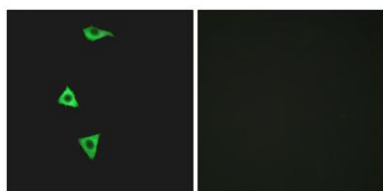
Product Name	Bradykinin B1 R rabbit pAb
Host species	Rabbit
Applications	WB;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human BDKRB1. AA range:201-250
Specificity	Bradykinin B1 R Polyclonal Antibody detects endogenous levels of Bradykinin B1 R protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	B1 bradykinin receptor
Gene Name	BDKRB1
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	40kD
Human Gene ID	623
Human Swiss-Prot Number	P46663
Alternative Names	BDKRB1; BRADYB1; B1 bradykinin receptor; B1R; BK-1 receptor
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. [provided by RefSeq, Sep 2011],

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



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

