



Bradykinin B1 R Polyclonal Antibody

Catalog No	BYab-13158
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IF;ELISA
Gene Name	BDKRB1
Protein Name	B1 bradykinin receptor
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BDKRB1; BRADYB1; B1 bradykinin receptor; B1R; BK-1 receptor
Observed Band	40kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Lung,Skin,
Function	function:This is a receptor for bradykinin. Could be a factor in chronic pain and inflammation.,online information:Bradykinin receptor entry,similarity:Belongs to the G-protein coupled receptor 1 family.,
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

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different isoforms have been found for this gene. [provided by RefSeq, Sep 2011],

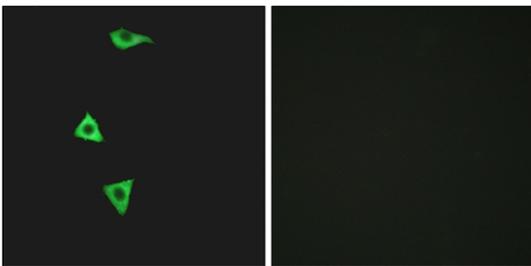
matters needing attention

Avoid repeated freezing and thawing!

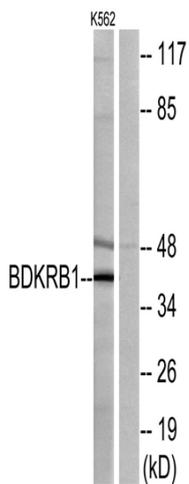
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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.