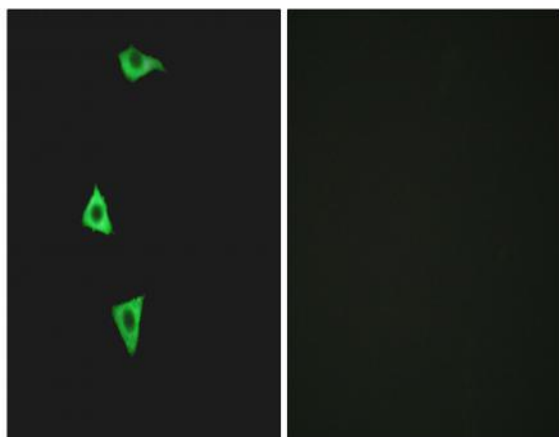


Bradykinin B1 R Polyclonal Antibody

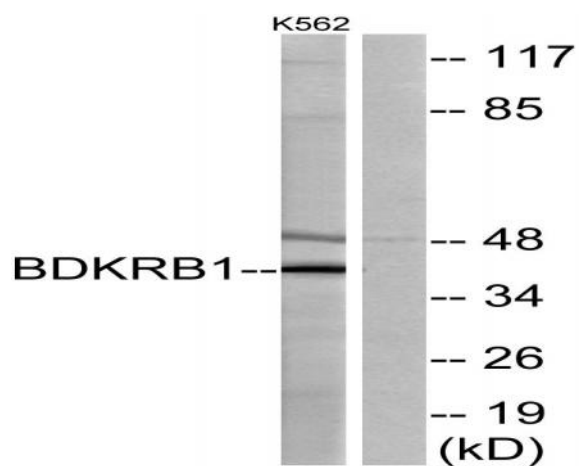
Catalog No :	YT0514
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	Bradykinin B1 R
Fields :	>>Calcium signaling pathway;>>Neuroactive ligand-receptor interaction;>>Complement and coagulation cascades;>>Inflammatory mediator regulation of TRP channels;>>Regulation of actin cytoskeleton;>>Pathways in cancer
Gene Name :	BDKRB1
Protein Name :	B1 bradykinin receptor
Human Gene Id :	623
Human Swiss Prot No :	P46663
Mouse Swiss Prot No :	Q61125
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
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	40kD
Cell Pathway :	Calcium;Neuroactive ligand-receptor interaction;Complement and coagulation cascades;Regulates Actin and Cytoskeleton;
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],
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.,
Subcellular Location :	Cell membrane; Multi-pass membrane protein.
Expression :	Lung,Skin,
Sort :	2845
No4 :	1

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.