

Rabbit B1R / BDKRB1 Polyclonal Antibody | anti-B1R antibody

Rabbit Polyclonal to Human B1R / BDKRB1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52148	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

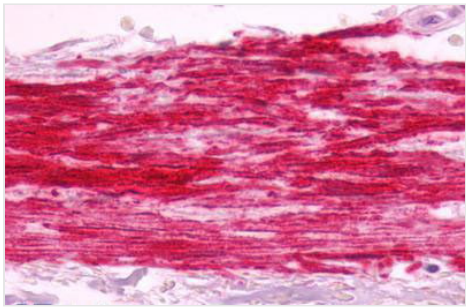
PRODUCT SYNONYMS

B1R / BDKRB1; Polyclonal Antibody; Rabbit Polyclonal to Human B1R / BDKRB1; Anti-B1R / BDKRB1 Antibody (Cytoplasmic Domain) IHC-plus; BDKRB1; BKB1R; Bradykinin receptor 1; B1BKR; B1R; Bk b1 receptor; BK-1 receptor; BRADYB1; Bradykinin receptor B1; Kinin b1 receptor; B1 bradykinin receptor; BKR1; Bradykinin B1 receptor; Human B1R; anti-B1R antibody

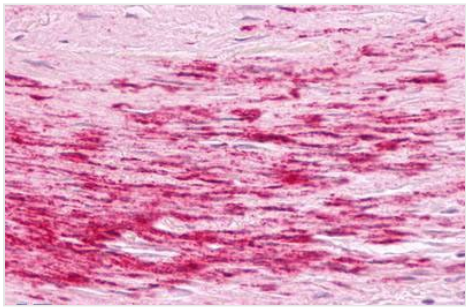
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human BDKRB1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	353
Applicable Applications for anti-B1R antibody	IHC (Immunohistochemistry)
Usage Not Recommended	ELISA (EIA)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from 1st cytoplasmic domain of human BDKRB1. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (94%); Horse (81%).
Immunogen Type	Synthetic peptide
Immunogen	B1R / BDKRB1 antibody was raised against synthetic 16 amino acid peptide from 1st cytoplasmic domain of human BDKRB1. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (94%); Horse (81%).
Antigen Modification	Cytoplasmic Domain
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-B1R / BDKRB1 antibody IHC of human artery, smooth muscle, atherosclerosis.
Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5 ug/ml.



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ADDITIONAL INFORMATION

Related Product Information for anti-B1R antibody	Bradykinin Receptor B1 (BKB1) has been implicated in inflammation and nociception. BKB1 receptor is rapidly induced under many inflammatory conditions such as colitis and hyperalgesia, allergic rhinitis, and inflammation. In vitro studies have implicated lipopolysaccharide, interleukins, and interferon as effectors in the rapid induction of BKB1 receptor expression.
Product Categories/Family for anti-B1R antibody	Family: GPCR; Subfamily: Bradykinin

NCBI AND UNIPROT INFORMATION

NCBI GI #	20544172
NCBI GeneID	623
NCBI Accession #	NP_000701.2
NCBI GenBank Nucleotide #	NM_000710.3
UniProt Accession #	P46663; Q546S7; Q8N0Y8; A8K7F5
Molecular Weight	40,495 Da
NCBI Official Full Name	B1 bradykinin receptor
NCBI Official Synonym Full Names	bradykinin receptor B1
NCBI Official Symbol	BDKRB1
NCBI Official Synonym Symbols	B1R; BKR1; B1BKR; BKB1R; BDKRB2; BRADYB1
NCBI Protein Information	B1 bradykinin receptor; BK-1 receptor; bradykinin receptor 1; bradykinin B1 receptor; bradykinin receptor B2
UniProt Protein Name	B1 bradykinin receptor
UniProt Gene Name	BDKRB1
UniProt Synonym Gene Names	BRADYB1; B1R; BK-1 receptor
UniProt Entry Name	BKRB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.