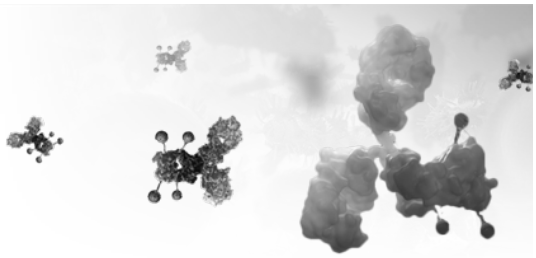

Human BDKRB1 blocking peptide (CDBP0626)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Bradykinin receptor B1 antibody
Antigen Description	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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	BDKRB1 bradykinin receptor B1 [Homo sapiens]
Official Symbol	BDKRB1
Synonyms	BDKRB1; bradykinin receptor B1; B1 bradykinin receptor; B1BKR; BKR1; bradyb1; BK-1

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	receptor; bradykinin receptor 1; bradykinin B1 receptor; B1R; BKB1R; BRADYB1;
Entrez Gene ID	623
mRNA Refseq	NM_000710
Protein Refseq	NP_000701
UniProt ID	P46663
Chromosome Location	14q32.1-q32.2
Pathway	ACE Inhibitor Pathway, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem;
Function	G-protein coupled receptor activity; bradykinin receptor activity; peptide binding; receptor activity; signal transducer activity;

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