



Anti-BDKRB2 (aa 1-60) polyclonal antibody (DPAB-DC2759)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a receptor for bradykinin. The 9 aa bradykinin peptide elicits many responses including vasodilation, edema, smooth muscle spasm and pain fiber stimulation. This receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system. Alternate start codons result in two isoforms of the protein.
Immunogen	BDKRB2 (NP_000614, 1 a.a. ~ 60 a.a) partial recombinant protein with GST tag. The sequence is MFSPWKISMFLSVREDSVPTTASFADMLNVTLQGPTLNGTFAQSKCPQVEWLGWLNTIQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [BDKRB2 bradykinin receptor B2 \[Homo sapiens \(human\) \]](#)

Official Symbol	BDKRB2
Synonyms	BDKRB2; bradykinin receptor B2; B2R; BK2; BK-2; BKR2; BRB2; B2 bradykinin receptor; BK-2 receptor;
Entrez Gene ID	624
Protein Refseq	NP_000614
UniProt ID	P30411
Chromosome Location	14q32.1-q32.2
Pathway	ACE Inhibitor Pathway; Calcium signaling pathway; Chagas disease (American trypanosomiasis); Complement and coagulation cascades.
Function	bradykinin receptor activity; phosphatidylinositol phospholipase C activity; protease binding; protein binding