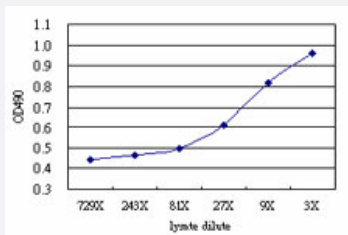


BDKRB1 (Human) Matched Antibody Pair

Catalog # H00000623-AP51

Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 27x to 3x dilution of the BDKRB1 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human BDKRB1.
Reactivity	Human
Quality Control Testing	Standard curve using BDKRB1 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 27x to 3x dilution of the BDKRB1 293T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-BDKRB1 (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-BDKRB1 (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

[Protocol Download](#)

Gene Info — BDKRB1

Entrez GeneID [623](#)

Gene Name BDKRB1

Gene Alias B1BKR, B1R, BKB1R, BKR1, BRADYB1

Gene Description bradykinin receptor B1

Omim ID [600337](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations BK-1 receptor|bradykinin B1 receptor|bradykinin receptor 1

Pathway

- [Calcium signaling pathway](#)
- [Complement and coagulation cascades](#)
- [Neuroactive ligand-receptor interaction](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Albuminuria](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)