

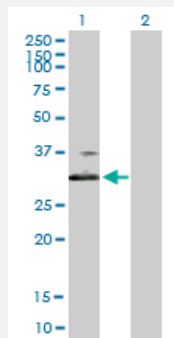
MaxPab®

BDKRB1 purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00000623-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of BDKRB1 expression in transfected 293T cell line ([H00000623-T02](#)) by BDKRB1 MaxPab polyclonal antibody.

Lane 1: BDKRB1 transfected lysate(38.83 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human BDKRB1 protein.

Immunogen

BDKRB1 (NP_000701.2, 1 a.a. ~ 353 a.a) full-length human protein.

Sequence

MASSWPPLELQSSNQSQLFPQNATACDPAEAWDLLHRVLPFTFIISICFFGLLGNLVLLVFLLPR
RQLNVAEIMLANLAASDLVFVLGLPFWAENMNQFNWPFGALLCRVINGVIKANLFISIFLVVAISQD
RYRVLVHPMASRRQQRQRARVTCVLMVVVGLLSIPTFLLRSIQAVPDLNITACILLPHEAWHFA
RIVELNILGFLPLAAMFFNYHILASLRTREEVSRTRCGGRKDSKTTALILTLVVAFLVCWAPYHFFA
FLEFLFQVQAVRGCFWEDFIDLGLQLANFFAFTNSSLNPVIYFVGRLFRTKVWELYQCTPKSLA
PISSSHRKEIFQLFWRN

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — BDKRB1

Entrez GeneID [623](#)

GeneBank Accession# [NM_000710](#)

Protein Accession# [NP_000701.2](#)

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](#)