

Anti-BDKRB2 Picoband Antibody
Catalog # ABO11665**Specification**

Anti-BDKRB2 Picoband Antibody - Product Information

Application	WB
Primary Accession	P30411
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for B2 bradykinin receptor(BDKRB2) detection. Tested with WB in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-BDKRB2 Picoband Antibody - Additional Information

Gene ID 624

Other Names

B2 bradykinin receptor, B2R, BK-2 receptor, BDKRB2, BKR2

Calculated MW

44461 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human

Subcellular Localization

Cell membrane; Multi-pass membrane protein.

Tissue Specificity

Ubiquitous. Widespread in normal smooth muscle tissue and neurons. .

Protein Name

B2 bradykinin receptor

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human BDKRB2 (357-391aa RSEPIQMENSMGTLRTSISVERQIHKLQDWAGSRQ), different from the related mouse sequence by five amino acids, and from the related rat sequence by seven amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-BDKRB2 Picoband Antibody - Protein Information

Name BDKRB2

Synonyms BKR2

Function

Receptor for bradykinin. It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system.

Cellular Location

Cell membrane; Multi-pass membrane protein

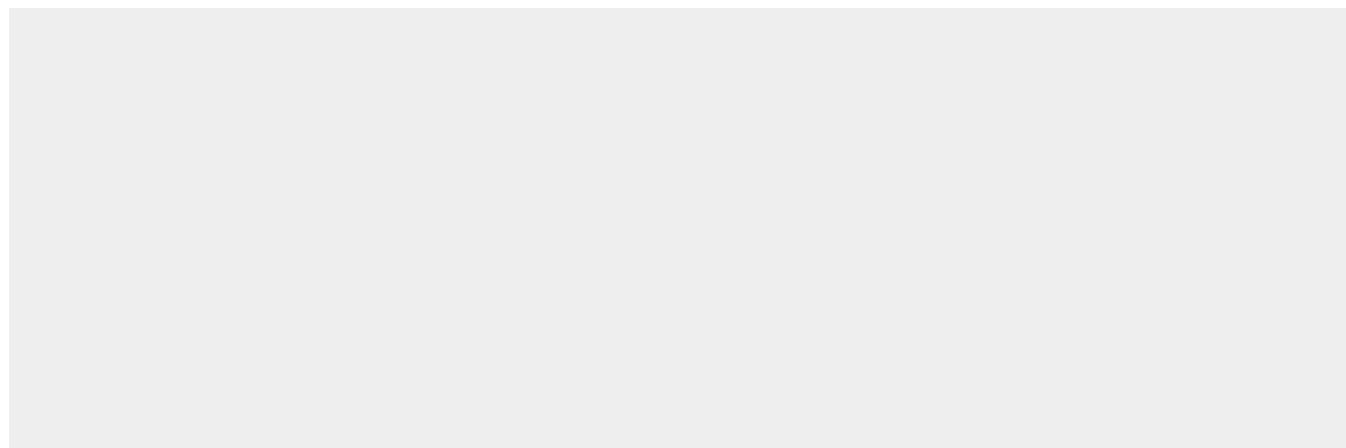
Tissue Location

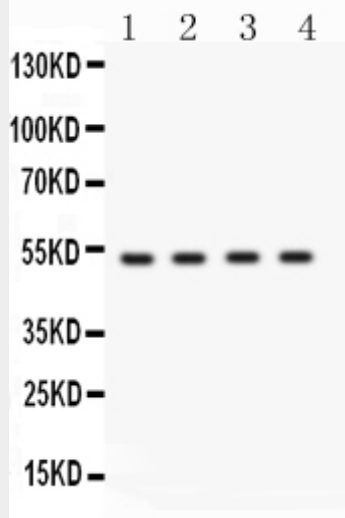
Ubiquitous. Widespread in normal smooth muscle tissue and neurons.

Anti-BDKRB2 Picoband Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-BDKRB2 Picoband Antibody - Images



Western blot analysis of BDKRB2 expression in HELA whole cell lysates (lane 1), HEPG2 whole cell lysates (lane 2), MCF-7 whole cell lysates (lane 3) and A549 whole cell lysates (lane 4). BDKRB2 at 50KD was detected using rabbit anti- BDKRB2 Antigen Affinity purified polyclonal antibody (Catalog # ABO11665) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .

Anti-BDKRB2 Picoband Antibody - Background

Bradykinin receptor B2 is a G-protein coupled receptor for bradykinin, encoded by the BDKRB2 gene in humans. 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.