Product datasheet

Anti-BDKRB2 Antibody

Catalog Number: *PB1102*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-BDKRB2 Antibody
Gene Name	BDKRB2
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human BDKRB2 different from the related mouse sequence by five amino acids, and from the related rat sequence by seven amino acids.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	50 kDa
Dilution Ratios	Western blot (WB):1:500-2000

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

Bradykinin receptor B2 is a G-protein coupled receptor forbradykinin, 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.

Selected Validation Data

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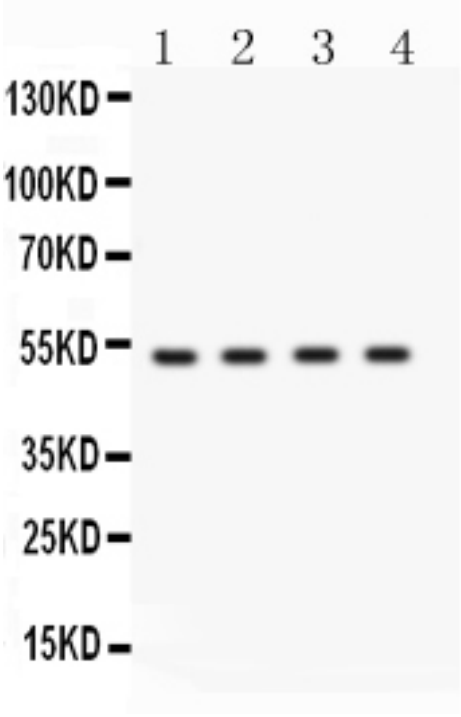

Western blot analysis of BDKRB2 using anti-BDKRB2 antibody (PB1102). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: human Hela whole cell lysates,
Lane 2: human HepG2 whole cell lysates,
Lane 3: human MCF-7 whole cell lysates,
Lane 4: human A549 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-BDKRB2 antigen affinity purified polyclonal antibody (PB1102) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for BDKRB2 at approximately 50 kDa. The expected band size for BDKRB2 is at 44 kDa.