



Bradykinin Receptor B2

Data Sheet

Catalog Number: RA14137

Host: Rabbit

Product Type: Whole Serum

Species Reactivity: Rat

Immunogen Sequence: CMGESVQMENSMGTLR

Format: Whole Serum (with 0.05% sodium azide) Sent in liquid form

Applications: Immunohistochemistry: 1:50-150
Immunofluorescence: 1:50-150

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Maintain at +2-8°C for 3 months or at -20°C for longer periods. Stable for 1 year. Avoid repeated freeze-thaw cycles.

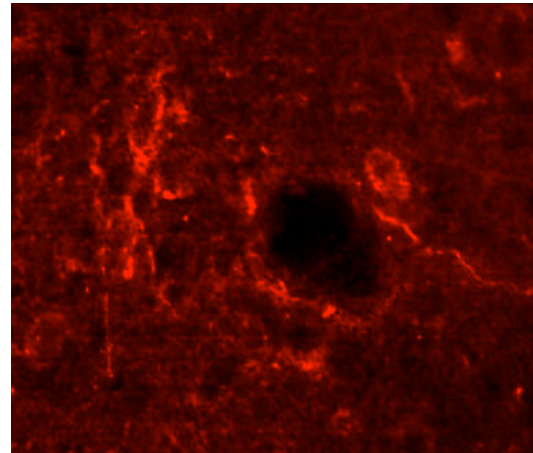
Reference: [Er-Yun Chen , Dwaine F. Emerich , Raymond T. Bartus , Jeffrey H. Kordower. B2 bradykinin receptor immunoreactivity in rat brain. 10.1002/1096-9861\(20001106\)427:1](#)

Application Notes

Description/Data:

Bradykinin Receptor B2 (BDKRB2) is associated with G proteins that activate a phosphatidylinositol-calcium second messenger. It mediates smooth muscle contraction, induces relaxation of arteries, and stimulates diuresis. In addition, bradykinin B2 receptor has been implicated in inflammation and response to pain. This receptor is encoded by a single-copy gene. Two variants are produced by alternate start codons. Bradykinin B2 receptor expression has been reported in blood, brain, eye, kidney, liver, lung, prostate, skin, small intestine, synovium, uterus, and vessel. ESTs have been isolated from colon, connective tissue, heart, heart/melanocyte/uterus, kidney, lung, placenta, and thyroid libraries.

Image: Immunofluorescent detection of Bradykinin R2 in rat brain using Cy3 conjugated anti-rabbit secondary antibodies (red fluorescence).



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