

BDKRB2 Rabbit pAb

Catalog No.: A2844 **1 Publications**

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

Background

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. Bradykinin is released upon activation by pathophysiologic conditions such as trauma and inflammation, and binds to its kinin receptors, B1 and B2. The B2 receptor associates with G proteins that stimulate a phosphatidylinositol-calcium second messenger system.

Recommended Dilutions

| | |
|---------------|----------------|
| WB | 1:500 - 1:2000 |
| IF/ICC | 1:50 - 1:200 |

Immunogen Information

Gene ID

624

Swiss Prot

P30411

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 302-391 of human BDKRB2 (NP_000614.1).

Synonyms

B2R; BK2; BK-2; BKR2; BRB2; BDKRB2

Contact

 | 400-999-6126

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Product Information

Source

Rabbit

Isotype

IgG

Purification

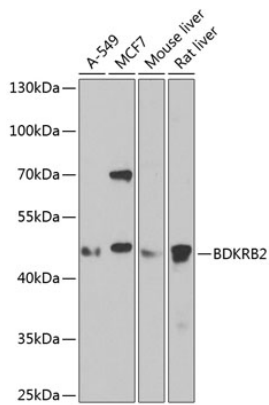
Affinity purification

Storage

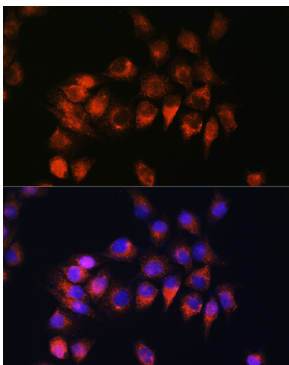
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

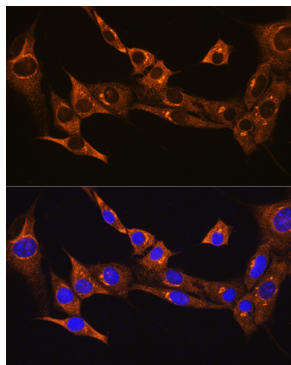
Validation Data



Western blot analysis of extracts of various cell lines, using BDKRB2 antibody (A2844) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using BDKRB2 Rabbit pAb (A2844) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using BDKRB2 Rabbit pAb (A2844) at dilution of 1:100. Blue: DAPI for nuclear staining.