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Goat Anti-Bradykinin receptor B1 Antibody

Peptide-affinity purified goat antibody
Catalog # AF1166a

Specification

Goat Anti-Bradykinin receptor B1 Antibody - Product Information

Application	**WB, E**
Primary Accession	P46663
Other Accession	NP_000701, 623
Reactivity	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**40495**

Goat Anti-Bradykinin receptor B1 Antibody - Additional Information

Gene ID 623

Other Names
B1 bradykinin receptor, B1R, BK-1 receptor, BDKRB1, BRADYB1

Dilution
WB~~1:1000
E~~N/A

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-Bradykinin receptor B1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-Bradykinin receptor B1 Antibody - Protein Information

Name BDKRB1

Synonyms BRADYB1

Function
This is a receptor for bradykinin. Could be a factor in chronic pain and inflammation.

Cellular Location
Cell membrane; Multi-pass membrane protein

Goat Anti-Bradykinin receptor B1 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 Cytomety
- Cell Culture

Goat Anti-Bradykinin receptor B1 Antibody - Images

AF1166a (2 µg/ml) staining of K562 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-Bradykinin receptor B1 Antibody - Background

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.

Goat Anti-Bradykinin receptor B1 Antibody - References

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Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.

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