

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 Cytometry](#)
- [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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