

**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	<a href="#">P46663</a>
Other Accession	<a href="#">NP_000701</a> , 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.

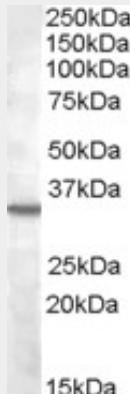
**Cellular Location**

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**

Variation at the NFATC2 Locus Increases the Risk of Thiazolidinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. *Diabetes Care*, 2010 Jul 13. PMID 20628086.

Blockade of the kinin B1 receptor ameliorates glomerulonephritis. Klein J, et al. *J Am Soc Nephrol*, 2010 Jul. PMID 20448019.

Kinin B1 receptors contributes to acute pain following minor surgery in humans. Hamza M, et al. *Mol Pain*, 2010 Feb 13. PMID 20152050.

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.

Bradykinin enhances cell migration in human chondrosarcoma cells through BK receptor signaling pathways. Yang WH, et al. J Cell Biochem, 2010 Jan 1. PMID 19885862.