

**ARG64653**  
anti-BDKRB1 antibodyPackage: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes BDKRB1
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BDKRB1
Species	Human
Immunogen	KVWELYKQCTPK
Conjugation	Un-conjugated
Alternate Names	BDKRB2; BKR1; B1BKR; BKB1R; BRADYB1; BK-1 receptor; B1R; B1 bradykinin receptor

### Application Instructions

Application table	Application	Dilution
	WB	2 - 4 µg/ml

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 623 Human](#)

[Swiss-port # P46663 Human](#)

### 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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

### Research Area

Immune System antibody; Metabolism antibody; Signaling Transduction antibody

### Calculated Mw

40 kDa

## Images

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ARG64653 anti-BDKRB1 antibody WB image

Western blot: K562 lysate (35 µg protein in RIPA buffer) stained with ARG64653 anti-BDKRB1 antibody at 2 µg/ml dilution.