

## CAB4756

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### Product Information

<b>Product SKU:</b>	CAB4756	<b>Gene ID:</b>	624	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC1121	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Rat

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### Additional Information

<b>Observed MW:</b>	48kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	44kDa	<b>Isotype:</b>	IgG

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### Immunogen Information

**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 Dilution:** WB, 1:500 - 1:2000

**Synonyms:** B2R; BK2; BK-2; BKR2; BRB2; BDKRB2

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 302-391 of human BDKRB2 (P30411).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.