



BMA BIOMEDICALS



Peninsula Laboratories

T-4018

Rabbit anti Bradykinin

Bradykinin is a 9 amino acid, biologically active peptide within the kinin group of proteins that promotes inflammation. During inflammation, it is released locally from mast cells and basophils following tissue damage. It has been shown to sensitize capsaicin / temperature TRPV1 receptors, thus lowering the temperature threshold at which they activate.

This antibody was generated by immunization of rabbits with Bradykinin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A07372
Host species:	Rabbit IgG
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
Stability:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Applications:	This antibody has been tested and validated in ELISA against Bradykinin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-Arg-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Bradykinin	100
[Lys]-Bradykinin	100
Biotinyl-Bradykinin	100
[Tyr ⁰]-Bradykinin	100
(Des-Arg ¹)-Bradykinin	100
Bradykinin (4-9)	100
Bradykinin (5-9)	40
Bradykinin (7-9)	0
(Des-Arg ⁹)-Bradykinin	0
Bradykinin Potentiator B	0
Angiotensin II	0
Met-Enkephalin	0
Substance P	0
Endothelin-1 (human, bovine, dog, mouse, porcine, rat)	0
TRH	0

Related Products

S-1135: ELISA, high sensitivity for extracted samples
T-4019: anti Bradykinin neat antiserum
T-4017: anti Bradykinin diluted antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

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