



BMA BIOMEDICALS



Peninsula Laboratories

T-4017 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:	951221-3
Host species:	Rabbit IgG
Quantity:	50ml
Format:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
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
[Tyr ⁸]-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, porcine, canine, rat)	0
TRH	0

Related Products

S-1135: ELISA, high sensitivity for extracted samples
T-4019: anti Bradykinin, neat antiserum
T-4018: anti Bradykinin, purified IgG

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.

T-4017

diluted antiserum

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