



BMA BIOMEDICALS



Peninsula Laboratories

T-4769

Rabbit anti Humanin (human) [UniProt: Q8IVG9]

Humanin is a 24 amino acid peptide expressed in various organs, also in the brain and the Alzheimer Disease brain. In laboratory experiments, it has been shown to play a role as a neuroprotective factor, protecting against apoptosis induced by multiple different familial Alzheimer disease genes and amyloid-beta proteins in Alzheimer disease.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	017424
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 Humanin. 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-Met-Ala-Pro-Arg-Gly-Phe-Ser-Cys-Leu-Leu-Leu-Leu-Thr-Ser-Glu-Ile-Asp-Leu-Pro-Val-Lys-Arg-Arg-Ala-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Humanin (human)	100
β - Amyloid (1-43) (human)	0
β -Amyloid (1-42) (human)	0
β -Amyloid (1-40) (human)	0

Related Products: S-1504: ELISA, high sensitivity for extracted samples (hu)
T-4770: Rabbit anti Humanin, neat 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

1.3.2021