



BMA BIOMEDICALS



Peninsula Laboratories

T-4869 Rabbit anti Tat-Beclin 1 (267-284)

The Tat-Beclin-1 (autophagy activator) peptide is derived from a region of the autophagy protein, beclin 1, attached to the HIV-1 Tat protein transduction domain. The peptide includes 11 amino acids at the N terminus derived from the Tat protein transduction domain, 18 amino acids (267–284 aa) from beclin 1 at the C terminus and a GG linker. It reduces the accumulation of polyglutamine aggregates and pathogen replication *in vitro*. Tat-Beclin-1 is also found to reduce the mortality of mice infected by different viruses as well as is predicted to stimulate cell death via autophagy.

This antibody was generated by immunization of rabbits with Tat-Beclin-1 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A13408
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 Tat-Beclin-1. 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-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-Gly-Gly-Thr-Asn-Val-Phe-Asn-Ala-Thr-Phe-Glu-Ile-Trp-His-Asp-Gly-Glu-Phe-Gly-Thr-OH coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Tat-beclin 1 (267-284)	100
Beclin 1 (267-284)	100

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