



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti α -Neoendorphin

α -Neoendorphin is an endogenous opioid neuropeptide with a decapeptide structure. It is derived from the proteolytic cleavage of prodynorphin. Some studies revealed that α -Neoendorphin immunoreactive fibers throughout the human brainstem and it can be found in the caudal part of the solitary nucleus, in the caudal and the gelatinous parts of the spinal trigeminal nucleus, and in the central grey matter of medulla.

This antibody was generated by immunization of rabbits with α -Neoendorphin coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4584 (Lot 028943-1)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 μ l
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 μ l distilled water. This will give the equivalent of undiluted antiserum.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Tyr-Gly-Gly-Phe-Leu-Arg-Lys-Tyr-Pro-Lys-OH coupled to carrier protein.
Protein database:	n/a

Cross Reactivity:

Peptide:	%:
Octreotide	100
Somatostatin-14	0
Somatostatin-28	0
Somatostatin Analog, RC-160	0
Somatostatin Analog, (CTOP)	0

Applications:

Tested in immunohistochemistry (IHC) and ELISA against α -Neoendorphin. Other applications like FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

Please see **bma.ch** for protocols and general information.

Approximate working dilution for IHC:

Frozen sections: not tested yet.

Paraffin sections: 1:500; recommended Proteinase K pre-treatment.

Related Products:

S-1134: ELISA, high sensitivity for extracted samples (hu)

S-1240: ELISA, extraction-free for human serum and plasma samples

S-1264: ELISA, extraction-free for rat serum and plasma samples

T-4591: anti α -Neoendorphin, diluted antiserum, host: rabbit

T-4601: anti α -Neoendorphin, purified IgG, host: rabbit

This product contains no preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.