



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Endothelin-3

Endothelin-3 (ET-3) is a member of a family of potent vasoconstrictors namely Endothelin and Sarafotoxin. It is formed of 21 amino acids, and it is known as a less potent vasoconstrictor than ET-1. The two isoforms vary by 6 amino acids in sequence homology.

This antibody was generated by immunization of rabbits with Endothelin-3 coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4317 (Lot A018185)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	50 µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 µl 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-Cys-Thr-Cys-Phe-Thr-Tyr-Lys-Asp-Lys-Glu-Cys-Val-Tyr-Tyr-Cys-His-Leu-Asp-Ile-Ile-Trp-OH coupled to carrier protein.
Protein database:	<u>human-P14138</u> , <u>mouse-P48299</u> , <u>rat-P13207</u>

Cross-Reactivity:

PEPTIDE:	%:
Neurotensin	100
Neurotensin (guinea pig)	26
Neuromedin N	0.03
Neurotensin (8-13)	0
Substance P	0
Kinetensin	0
Bombesin	0

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Neurotensin. 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-1206: ELISA, high sensitivity for extracted samples

T-4314: diluted antiserum

T-4315: purified IgG

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