



BMA BIOMEDICALS



Peninsula Laboratories

T-4800

Rabbit anti Oxyntomodulin (Glucagon-37) (human, mouse, rat)

Oxyntomodulin (OXM) a 37-amino acid peptide hormone found in the colon, produced by the oxyntic cells of the oxyntic mucosa. It is known to suppress appetite and causes weight loss in humans and rodents. Oxyntomodulin activates both the glucagon-like peptide-1 receptor (GLP1R) and the glucagon receptor (GCGR). It contains the same sequence as Glucagon (1-29), but with an additional KRNKNNIA C-terminal sequence.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A15783
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 Oxyntomodulin. 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-His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-Met-Asn-Thr-Lys-Arg-Asn-Arg-Asn-Asn-Ile-Ala-OH coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
Glucagon (1-37) (human, mouse, rat)	100
Glucagon (1-37) (porcine)	100
Glucagon (1-29) (human, bovine, porcine)	31
GLP-1 (1-37) (human, bovine, guinea pig, mouse, rat)	12.9
GLP-1 (1-36) amide (human, bovine, guinea pig, mouse, rat)	0
GLP-1 (7-36) amide	0
GLP-1 (7-37)	0
GLP-2 (human)	0

Related Products: T-4799: Rabbit anti Oxyntomodulin (hu, ms, rt), diluted antiserum
T-4801: Rabbit anti Oxyntomodulin (hu, ms, rt), neat antiserum
S-1392: ELISA, high sensitivity for extracted samples

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

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