



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Oxyntomodulin (Glucagon-37)

Oxyntomodulin (OXM) is 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

Catalog Number:	T-4801 (Lot A13600)
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-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 a carrier protein.
Protein database:	n/a

Applications:

Tested in immunohistochemistry (IHC) and ELISA against Oxyntomodulin. 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:

T-4799: Rabbit anti Oxyntomodulin (hu, ms, rt), diluted antiserum

S-1392: ELISA, high sensitivity for extracted samples

T-4800: Rabbit anti Oxyntomodulin (hu, ms, rt), purified IgG

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