

Rabbit Oxyntomodulin Polyclonal Antibody

Oxyntomodulin (OXM)

CATALOG # AAA14714	HOST Rabbit	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Oxyntomodulin; Polyclonal Antibody; Oxyntomodulin (OXM); Anti -Oxyntomodulin (OXM); anti-Oxyntomodulin antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human OXM.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.1% BSA.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Oxyntomodulin antibody	ELISA
Application Notes	ELISA: 0.5-1 ug/ml Control peptide can be used to coat ELISA plates at 1 ug/ml. Optimal dilutions to be determined by the researcher. Other applications not tested.
Immunogen	Synthetic peptide corresponding to 9aa from the CT terminus of mature human Oxyntomodulin (OXM) conjugated to KLH. Species Sequence Homology: rat, mouse and guinea pig, 100%; bovine, porcine and sheep, 89%
Preparation and Storage	May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

ADDITIONAL INFORMATION

Related Product Information for anti-Oxyntomodulin antibody	Glucagon is a member of a multigene family comprising Secretin, Vasoactive Intestinal Peptide (VIP), Gastric Inhibitory Peptide (GIP) and others like Glicentin and Oxyntomodulin (OXM), which differs from glucagon by C-terminal octapeptide. The glucagon precursor contains at least 3 intervening sequences that divide the protein-coding portion into 4 regions corresponding to the signal peptide and part of the N-terminal peptide, the remainder of the N-terminal peptide and glucagon, glucagon-like peptide-1 (GLP1), and GLP2. OXM, a 37aa peptide contains the glucagon sequence extended by a C-terminal basic octapeptide, its primary structure is identical in all mammals except in pig and cattle. OXM is released from the gut during digestion, together with glicetin another octapeptide containing molecule. It is considered as putative physiological regulator of gastric acid secretion, it inhibits histamine.
Product Categories/Family for anti-Oxyntomodulin antibody	Antibodies ; Abs to Peptides

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

