

Ghrelin Polyclonal Antibody

CATALOG #:	5990-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide mapping to the N-terminus of the active human Ghrelin containing amino acid GS(X)FLSPEHQRVQ (ID# BV161-162). (X = Serine modified with n-octanoid acid.) The immunogen sequence has 81% (9 out of 11 a.a.) homology to mouse and rat ghrelin.
FORMULATION:	100 µg (0.5 mg/ml) protein A purified rabbit polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5 % BSA, 5 mM EDTA and 0.01% thimerosal.
SPECIES REACTIVITY:	Human
STORAGE CONDITIONS:	Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.
SHIPPING:	Shipping on blue ice
BACKGROUND:	Ghrelin, a growth hormone (GH)-releasing acylated peptide, was identified as the endogenous ligand for the growth hormone (GH) secretagogue receptor 1a. It stimulates the release of GH from the anterior pituitary through the GH secretagogue receptor (GHS-R). It may also play a role in regulating the digestive system and energy balance.
APPLICATION & USAGE:	The antibody can be used for Western blotting, and in immunohistochemistry (10-20 µg/ml). However, the optimal concentrations should be determined individually.

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