



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4442

### Rabbit anti $\gamma$ 2-MSH

Gamma2-Melanocyte Stimulation Hormone ( $\gamma$ 2-MSH) is a 12 amino acid peptide that is derived from the N-terminal fragment of POMC and contains the His-Phe-Arg-Trp motif common to all melanocortin endogenous agonist ligands peptide. It mediates a central analgesic effect via a GABA-ergic mechanism that is independent from activation of melanocortin receptors.

This antibody was generated by immunization of rabbits with  $\gamma$ 2-MSH coupled to a carrier protein.

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	961524
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50 $\mu$ l
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50 $\mu$ l distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	Original vial: at least one year at 4 <sup>o</sup> - 8 <sup>o</sup> C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 <sup>o</sup> C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA $\gamma$ 2-MSH. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	Synthetic peptide H-Tyr-Val-Met-Gly-His-Phe-Arg-Trp-Asp-Arg-Phe-Gly-OH coupled to carrier protein.

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This product contains no 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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1.3.2021