



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4394 Rabbit anti IGF-1 (24-41)

Insulin-like Growth Factor I (IGF-I) (24-41) is an amino acid fragment (24 to 41) of Insulin-like Growth Factor I (IGF-I). It is partly responsible for systemic Growth Hormone activities, although it possesses a wide number of own properties (anabolic, antioxidant, anti-inflammatory and cytoprotective actions).

This antibody was generated by immunization of rabbits with IGF-I (24-41) coupled to a carrier protein.

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A13185
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	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.
<b>Stability:</b>	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.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against IGF-I (24-41). 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-Phe-Asn-Lys-Pro-Thr-Gly-Tyr-Gly-Ser-Ser-Ser-Arg-Arg-Ala-Pro-Gln-Thr-OH coupled to a carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
IGF-I (24-41)	100
IGF-I (30-41)	100
rec IGF-I (human)	0
IGF-II (33-40)	0
Insulin (human)	0
C-Peptide (human)	0

Related Products:     T-4389: anti IGF-I, diluted antiserum  
                          T-4391: anti IGF-I, neat antiserum  
                          T-4395: anti IGF-I (24.41), neat antiserum

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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.

T-4394

rabbit IgG

1.3.2021