



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4405

### Rabbit anti Inhibin $\alpha$ -Subunit (1-32) (porcine)

Inhibin  $\alpha$ -Subunit is a 32-amino acid peptide. Inhibins are glycoproteins made of an  $\alpha$  subunit and a  $\beta$  subunit. They suppress FSH (follicle stimulating hormone) secretion from the pituitary and also participate in control of gonadal functions. Inhibin  $\alpha$  (INHA) is present in adrenal glands, pituitary gland, liver and placenta. It plays a significant role in male fertility.

This antibody was generated by immunization of rabbits with Inhibin  $\alpha$ -Subunit (1-32) coupled to a carrier protein.

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	940201
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400 $\mu$ g
<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 $^{\circ}$ - 8 $^{\circ}$ C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 $^{\circ}$ C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against Inhibin $\alpha$ -Subunit (1-32). 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-Ser-Thr-Ala-Pro-Leu-Pro-Trp-Pro-Trp-Ser-Pro-Ala-Ala-Leu-Arg-Leu-Leu-Gln-Arg-Pro-Pro-Glu-Glu-Pro-Ala-Val-His-Ala-Asp-Cys-His-Arg-OH coupled to carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
Inhibin, $\alpha$ -Subunit (1-32) (porcine)	100
Inhibin, $\alpha$ -Subunit (1-32) (human)	100
$\alpha$ -Inhibin-31 (human)	0
Substance P	0
LH-RH	0
Somatostatin -28	0

Related Products: S-1215: ELISA, high sensitivity for extracted samples (po)  
T-4406: anti Inhibin  $\alpha$ -Subunit (1-32) (po), neat antiserum  
T-4404: anti Inhibin  $\alpha$ -Subunit (1-32) (po), diluted 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.

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rabbit IgG – po

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