



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4253

### Rabbit anti Cholecystokinin Octapeptide (desulfated)

Cholecystokinin Octapeptide, also known as Pancreozymin, is a peptide hormone of the gastrointestinal system responsible for stimulating the digestion of fat and for mediating satiety. It is synthesized and secreted by enteroendocrine cells in the duodenum and its presence causes the release of digestive enzymes and bile from the pancreas and gallbladder. Cholecystokinin Octapeptide can also act as a neurotransmitter in the central nervous system where high levels cause increased anxiety.

This antibody was generated by immunization of rabbits with Cholecystokinin Octapeptide coupled to a carrier protein.

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#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	022810
<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 Cholecystokinin Octapeptide. 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-Asp-Tyr-Met-Gly-Trp-Met-Asp-Phe-NH <sub>2</sub> coupled to a carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
CCK Octapeptide (desulfated)	100
CCK-33 (sulfated) (porcine)	100
Caerulein	100
Gastrin I (human)	100
Big Gastrin I (human)	100
CCK Octapeptide (sulfated)	78
CCK (27-33) (desulfated)	62.9
CCK (30-33) (desulfated)	13.9
Pancreatic Polypeptide (human)	<0.1
VIP (human, bovine, porcine, rat)	0
$\alpha$ -CGRP (rat)	0
$\alpha$ -CGRP (human)	0
$\beta$ -CGRP (human)	0

Related Products: T-4252: Rabbit anti Cholecystokinin Octapeptide, diluted antiserum  
T-4254: Rabbit anti Cholecystokinin Octapeptide, neat antiserum  
S-1205: ELISA, high sensitivity for extracted samples

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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-4253

rabbit IgG

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