



BMA BIOMEDICALS



Peninsula Laboratories

T-4252

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.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A10291
Host species:	Rabbit IgG
Quantity:	50ml
Format:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml of RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4° - 8°C. This should ensure antibody stability for approximately one month.
Stability:	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.
Applications:	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 www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Asp-Tyr-Met-Gly-Trp-Met-Asp-Phe-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE	%
CCK Octapeptide (desulfated)	100
CCK-33 (sulfated)	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
α -CGRP (rat)	0
α -CGRP (human)	0
β -CGRP (human)	0

Related Products: S-1205: ELISA, high sensitivity for extracted samples
T-4254: neat antiserum
T-4253: purified IgG

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-4252

diluted antiserum

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