



BMA BIOMEDICALS



Peninsula Laboratories

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

Catalog Number:	T-4253 (Lot 022810)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human, mouse, rat, porcine, bovine, others
Quantity:	400µg
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Asp-Tyr-Met-Gly-Trp-Met-Asp-Phe-NH ₂ coupled to carrier protein.
Protein database:	<u>porcine-P01356</u>
Cross-Reactivity:	

PEPTIDE	%
CCK Octapeptide (desulfated)	100
CCK-33 (sulfated) (porcine)	100
Caerulein	100
Gastrin I (human)	100
Big Gastrin I (human)	100
CCK Octapeptide (sulfated)	78

Cross-Reactivity:

PEPTIDE	%
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

Applications:

Tested in ELISA against Cholecystokinin Octapeptide and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Approximate working dilution for IHC:

Paraffin sections: (1:1000); pretreatment with Proteinase K for antigen retrieval is recommended

Optimal dilutions should be determined by the end user

Please see **www.bma.ch** for protocols and general information

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

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.