



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Secretin

Secretin is a gastrointestinal peptide hormone that regulates secretions in the stomach, pancreas, and liver. It is produced from the enterochromaffin cells in the duodenum in response to the duodenal content with the pH less than 4.5. Secretin is also responsible in body fluid homeostasis and is considered as neuropeptide hormone since it is also expressed in the central nervous system.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4541 (Lot 04115-2)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Porcine
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock 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. Reconstitute by adding 1.0 ml 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-His-Ser-Asp-Gly-Thr-Phe-Thr-Ser-Glu-Leu-Ser-Arg-Leu-Arg-Asp-Ser-Ala-Arg-Leu-Gln-Arg-Leu-Leu-Gln-Gly-Leu-Val-NH ₂ coupled to carrier protein.
Protein database:	<u>bovine-P63296</u>

Cross-Reactivity:

PEPTIDE	%
Secretin (porcine)	100
Secretin (human)	100
Secretin (rat)	100
Secretin (chicken)	0
VIP (human, Bovine, porcine, rat)	0
CCK Octapeptide (desulfated)	0
Substance P	0
Somatostatin-14	0
NPY (porcine)	0
Met-Enkephalin	0
Insulin (human)	0
PHI-27 (porcine)	0
Amylin (human)	0

Applications:

Tested in ELISA against Secretin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well.

Optimal dilutions should be determined by the end user.

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

Related Products:

S-1229: ELISA, high sensitivity for extracted samples, (hu)

T-4540: Rabbit anti Secretin, neat antiserum, (hu)

T-4542: Rabbit anti Secretin, purified IgG, (po)

T-4543: Rabbit anti Secretin, neat antiserum, (po)

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