



BMA BIOMEDICALS



Peninsula Laboratories

T-4541

Rabbit anti Secretin (porcine) [UniProt: P63298]

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 a duodenal content with a pH below 4.5. Secretin is also involved in body fluid homeostasis and is considered a 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

Lot number:	04115-2
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 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 www.bma.ch for protocols and general information.
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.

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

Related Products: S-1527: ELISA, extraction-free for human samples
S-1229: ELISA, high sensitivity for extracted samples (hu)
T-4540: anti Secretin (hu) neat antiserum
T-4542: anti Secretin (po) purified IgG
T-4543: anti Secretin (po) neat antiserum

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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diluted antiserum – po

8.9.2020