

Product datasheet for **TA364055**

Chromogranin A (CHGA) Rabbit Polyclonal Antibody

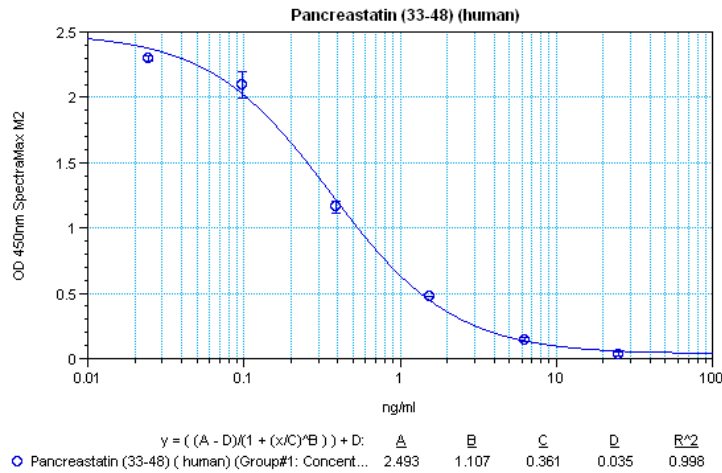
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Pancreastatin (33-48) / Chromogranin-A (286-301). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Glu-Glu-Glu-Glu-Glu-Met-Ala-Val-Val-Pro-Gln-Gly- Leu-Phe-Arg-Gly-NH ₂ coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	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.
Gene Name:	chromogranin A
Database Link:	Entrez Gene 1113 Human P10645
Background:	Pancreastatin is a 49 amino acid peptide found in many cells of the neuroendocrine system. It is produced from the proteolytic cleavage of its precursor, Chromogranin A [Chromogranin A (240-288)]. It is localized to insulin-containing beta cells, glucagon- containing alpha cells, and somatostatin-containing D cells of the pancreatic islet. Pancreastatin inhibits release of somatostatin upon glucose stimulation and it may also control carbohydrate metabolism and hyperglycemia. This antibody was generated by immunization of rabbits with Pancreastatin (33-48) / Chromogranin-A (286-301) coupled to a carrier protein.
Synonyms:	CgA; SP-I



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Product images:



Typical titration curve of Pancreastatin (33-48) / Chromogranin-A (286-301) in a competitive ELISA with this antibody