

## Product datasheet for **TA364383**

### VIP Guinea Pig Polyclonal Antibody

#### Product data:

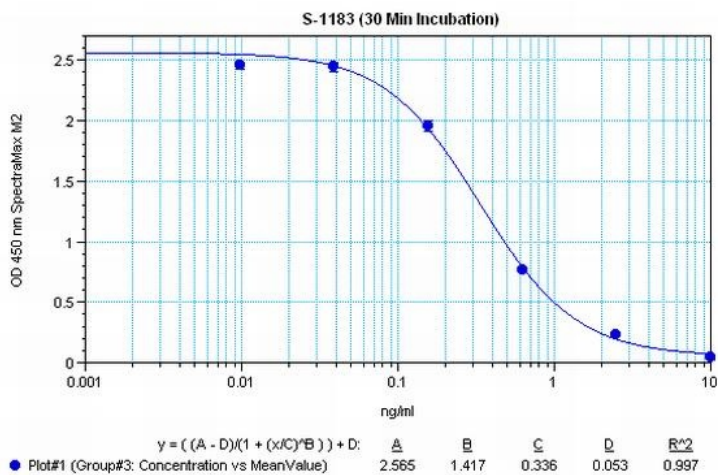
Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Vasoactive Intestinal Peptide. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Bovine, Porcine, Rat
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-His-Ser-Asp-Ala-Val-Phe-Thr-Asp-Asn-Tyr-Thr-Arg- Leu-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Asn-Ser-Ile-Leu-Asn-NH <sub>2</sub> coupled to a carrier protein.
Formulation:	This polyclonal antibody is supplied as a lyophilized powder. The powder should be rehydrated with 50ml 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 <sub>3</sub> , and 0.1% Triton X-100. Store at 4°C. This should ensure antibody stability for approximately one month.
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:	vasoactive intestinal peptide
Database Link:	<a href="#">Entrez Gene 7432 Human P01282</a>
Background:	Vasoactive intestinal peptide (VIP) is a 28 amino acid neuropeptide that is vasoactive in the intestine. It belongs to a glucagon/secretin superfamily, the ligand of class II G protein-coupled receptors. VIP is produced in many tissues of vertebrates including the gut, pancreas, and suprachiasmatic nuclei of the hypothalamus in the brain. VIP functions as neuromodulator and neurotransmitter, and it is known to regulate muscle activity, epithelial cell secretion, and blood flow in the gastrointestinal tract. This antibody was generated by immunization of guinea pigs with Vasoactive Intestinal Peptide coupled to a carrier protein.



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Synonyms: MGC13587; PHM27

Product images:



Typical titration curve of VIP in a competitive ELISA with the antibody from rabbit host