

Product datasheet for **TA364053**

VIP Rabbit 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:	Rabbit
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 ₂ coupled to a carrier protein.
Formulation:	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
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:	Entrez Gene 7432 Human P01282
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.
Synonyms:	MGC13587; PHM27



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