

# Polyclonal Antibody to Vasoactive Intestinal Peptide (VIP)

Vasoactive Intestinal Peptide

Catalog # AP74585

## Product Information

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|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P81401</a> |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 19165                  |

## Additional Information

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| Gene ID            | 280956                                                                                                                                                                                                            |
| Other Names        | PHM27; Intestinal peptide PHV-42; Peptide histidine valine 42; Peptide histidine methioninamide 27                                                                                                                |
| Target/Specificity | Bos taurus; Bovine (Cattle)                                                                                                                                                                                       |
| Dilution           | WB~~Western blotting: 0.2-2 $\mu$ g/mL;1:250-2500<br>Immunohistochemistry: 5-20 $\mu$ g/mL;1:25-100<br>Immunocytochemistry: 5-20 $\mu$ g/mL;1:25-100<br>Optimal working dilutions must be determined by end user. |
| Format             | PBS, pH7.4, containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                     |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                                                                                                         |

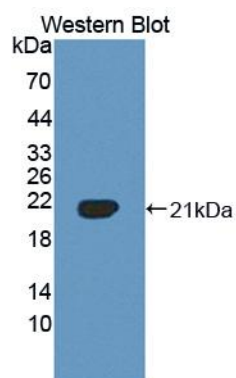
## Protein Information

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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | VIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Function          | [Vasoactive intestinal peptide]: VIP is a neuropeptide involved in a diverse array of physiological processes through activating the PACAP subfamily of class B1 G protein-coupled receptors: VIP receptor 1 (VPR1) and VIP receptor 2 (VPR2). Abundantly expressed throughout the CNS and peripheral nervous systems where they primarily exert neuroprotective and immune modulatory roles (By similarity). Also causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder (By similarity). |
| Cellular Location | Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Images

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