

VIP Polyclonal Antibody
Catalog # AP73066**Specification**

VIP Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P01282
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

VIP Polyclonal Antibody - Additional Information**Gene ID** 7432**Other Names**

VIP; VIP peptides

Dilution

WB~~WB 1:500-2000 Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

VIP Polyclonal Antibody - Protein Information**Name** VIP ([HGNC:12693](#))**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) (PubMed:1318039, PubMed:36385145, PubMed:8933357). Abundantly expressed throughout the CNS and peripheral nervous systems where they primarily exert neuroprotective and immune modulatory roles (PubMed:3456568). Also causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder (PubMed:15013843).

Cellular Location

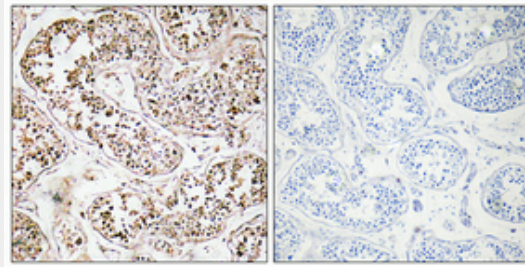
Secreted.

VIP Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

VIP Polyclonal Antibody - Images



VIP Polyclonal Antibody - Background

VIP causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder.