10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

VIP

Mouse Monoclonal antibody(Mab)
Catalog # AD80424

Product Information

Application	IHC-P
Primary Accession	P01282
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	336I4D6
Calculated MW	19169

Additional Information

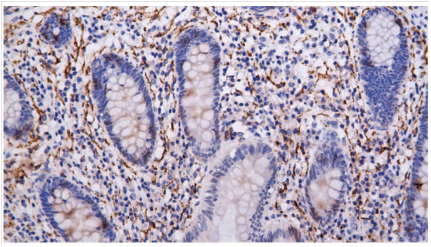
Gene ID	7432
Gene Name	VIP
Other Names	VIP peptides, Intestinal peptide PHV-42, Peptide histidine valine 42, Intestinal peptide PHM-27, Peptide histidine methioninamide 27, Vasoactive intestinal peptide, VIP, Vasoactive intestinal polypeptide, VIP
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	VIP Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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.

Images

Immunohistochemical analysis of formalin-fixed and



paraffin-embedded human appendix tissue was performed with VIP primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.