

Rabbit VIP Polyclonal Antibody | anti-VIP antibody

Anti-VIP Antibody

CATALOG # AAA46592	HOST Rabbit	REACTIVITY Human, Mouse, Rat No cross reactivity with other proteins.	APPLICATIONS Immunohistochemistry
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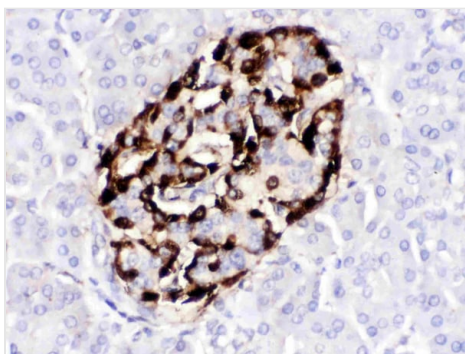
PRODUCT SYNONYMS

VIP; Polyclonal Antibody; Anti-VIP Antibody; PHM27; PHM-27; PHM 27; PHV42; VIP peptides; P01282; vasoactive intestinal peptide; anti-VIP antibody

PRODUCT SPECIFICATIONS

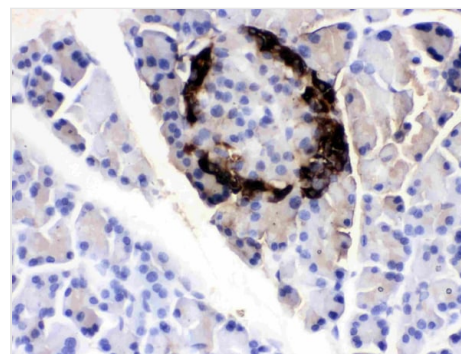
Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	170
Applicable Applications for anti-VIP antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human VIP (81-107aa HADGVFTSDFSLLGQLSAKKYLESLM), different from the related mouse and rat sequences by four amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



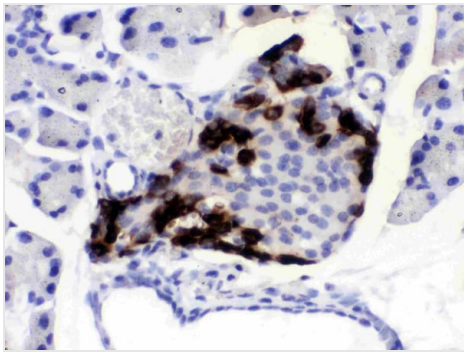
IHC (Immunohistochemistry)

VIP was detected in paraffin-embedded sections of human pancreatic cancer tissues using rabbit anti- VIP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

VIP was detected in paraffin-embedded sections of rat pancreas tissues using rabbit anti- VIP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
 VIP was detected in paraffin-embedded sections of mouse pancreas tissues using rabbit anti-VIP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.

ADDITIONAL INFORMATION

Related Product Information for anti-VIP antibody	Rabbit IgG polyclonal antibody for VIP peptides (VIP) detection. Background: Vasoactive intestinal peptide, also known as PHM27 or VIP, is a peptide hormone containing 28 amino acid residues. This gene is mapped to 6q25. The protein encoded by this gene belongs to the glucagon family. It stimulates myocardial contractility, causes vasodilation, increases glycogenolysis, lowers arterial blood pressure and relaxes the smooth muscle of trachea, stomach and gall bladder. The protein also acts as an antimicrobial peptide with antibacterial and antifungal activity. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified.
References	1. Fahrenkrug J, Emson PC (Sep 1982). "Vasoactive intestinal polypeptide: functional aspects". British Medical Bulletin 38 (3): 265-70. 2. Linder S, Barkhem T, Norberg A, Persson H, Schalling M, Hökfelt T, Magnusson G (Jan 1987). "Structure and expression of the gene encoding the vasoactive intestinal peptide precursor". Proceedings of the National Academy of Sciences of the United States of America 84 (2): 605-9. 3. Said SI (Apr 1986). "Vasoactive intestinal peptide". Journal of Endocrinological Investigation 9 (2): 191-200.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507897
NCBI GeneID	7432
NCBI Accession #	NP_003372.1
NCBI GenBank Nucleotide #	NM_003381.3
UniProt Accession #	P01282; Q5TCY8; Q5TCY9; Q96QK3
Molecular Weight	19,082 Da
NCBI Official Full Name	VIP peptides isoform 1 preproprotein
NCBI Official Synonym Full Names	vasoactive intestinal peptide
NCBI Official Symbol	VIP
NCBI Official Synonym Symbols	PHM27
NCBI Protein Information	VIP peptides
UniProt Protein Name	VIP peptides
UniProt Gene Name	VIP
UniProt Synonym Gene Names	VIP
UniProt Entry Name	VIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/vip-antibody-immunohistochemistry-elisa/46592>