

Rabbit anti-Human VIP Polyclonal Antibody | anti-VIP antibody

VIP Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288077	Rabbit	Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

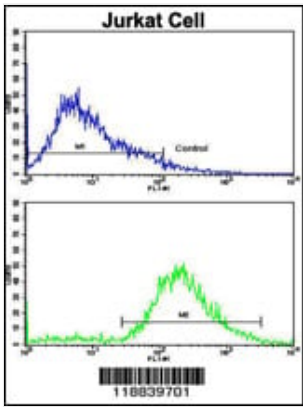
PRODUCT SYNONYMS

VIP; Polyclonal Antibody; VIP Antibody (C-term); VIP peptides; Intestinal peptide PHV-42; Peptide histidine valine 42; Intestinal peptide PHM-27; Peptide histidine methioninamide 27; Vasoactive intestinal peptide; Vasoactive intestinal polypeptide; anti-VIP antibody

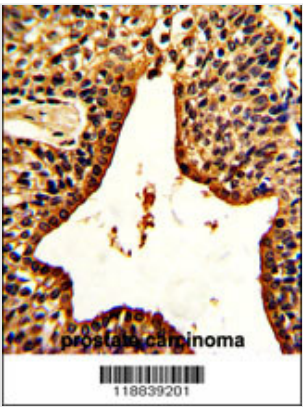
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This VIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 139-167 amino acids from the C-terminal region of human VIP.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	139-167
Sequence Length	170
Applicable Applications for anti-VIP antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

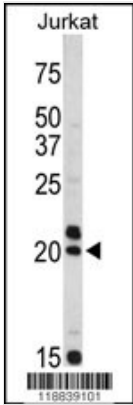
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of jurkat cells using VIP Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma with VIP Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of VIP antibody (C-term) in Jurkat cell line lysates (35ug/lane). VIP (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-VIP antibody	VIP 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.
Product Categories/Family for anti-VIP antibody	Cardiovascular; Neuroscience; Signal Transduction
References	Lu,Y., Neurogastroenterol. Motil. 21 (7), 754-E47 (2009) Zhu,L., Int J Gynaecol Obstet 105 (3), 223-225 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507897
NCBI GeneID	7432
NCBI Accession #	NP_003372.1; NP_919416.1
NCBI GenBank Nucleotide #	NM_003381.3
UniProt Accession #	P01282; Q5TCY8; Q5TCY9; Q96QK3
Molecular Weight	19169

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://www.aaabiotech.com/polyclonal/vip-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/288077>