



Anti-VIP polyclonal antibody (DPAB2418RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Vasoactive Intestinal Peptide
Antigen Description	VIP is localized in nerve fibers of the central and peripheral nervous system, and is probably acting as a neurotransmitter. Smooth muscle relaxation, vasodilation and secretion from exocrine glands are some of the effects of VIP. The Verner-Morrison or Watery Diarrhea Hypokaliemia and Achlorhydria (WDHA) syndrome is a characteristic clinical syndrome associated with overproduction of VIP from endocrine tumors. These VIPproducing tumors are usually neuroblastomas of endocrine tumors in the pancreas.
Specificity	Absorption with 10-100 µg immunogen per ml diluted antiserum abolishes the staining, while PHI, secretin, glucagon, GIP, and CCK do not.
Immunogen	Purified porcine VIP
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Pig
Conjugate	Unconjugated
Applications	IHC-Fr, IHC (PFA fixed)
Positive Control	Formalin-fixed paraffin sections of cat ileum
Format	Undiluted serum (lyoph.)
Buffer	Dissolve the antiserum in 50 - 100 µl distilled water, and dilute further in 0.1 M PBS with 1% BSA and 0.1% NaN ₃ .
Preservative	None

Storage

At 2-8°C (undiluted) or at -20°C (aliquots)

GENE INFORMATION

Gene Name	VIP vasoactive intestinal peptide [Homo sapiens]
Official Symbol	VIP
Synonyms	VIP; vasoactive intestinal peptide; PHM27; MGC13587; VIP peptides; Intestinal peptide PHV-42; Peptide histidine valine 42; Intestinal peptide PHM-27; Peptide histidine methioninamide 27; Vasoactive intestinal peptide; Vasoactive intestinal polypeptide; OTTHUMP00000017450; OTTHUMP00000017451
Entrez Gene ID	7432
Protein Refseq	NP_003372
UniProt ID	P01282
Chromosome Location	6q25
Pathway	Class B/2 (Secretin family receptors); G alpha (s) signalling events; GPCR downstream signaling; GPCR ligand binding; Glucagon-type ligand receptors; Signaling by GPCR
Function	neuropeptide hormone activity