Anti-VIP antibody ab8556

Product name: Anti-VIP antibody
Description: Rabbit polyclonal to VIP
Host species: Rabbit
Specificity: This antibody reacts with a 3 kD vasointestinal peptide (VIP) localized in nerve fibers in the central and peripheral nervous system. The VIP producing tumors are usually neuroblastomas of endocrine tumors in the pancreas.

Tested applications: Suitable for: WB, IP, IHC-P, ICC, IHC-FoFr
Species reactivity: Reacts with: Mouse, Rat, Human
Immunogen: Full length protein corresponding to Human VIP.
Positive control: IHC-P: Human nasal tissue.

General notes: This antibody detects ganglion cells in both the superficial and deep plexus of the wall of the small bowel in human.

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.40
Preservative: 0.1% Sodium azide
Constituent: 0.01% PBS

Purity: Protein G purified
Purification notes: After solid-phase absorption this antibody is filtered through a 0.22 µm filter, vial ed and lyophilized.
Primary antibody notes: This antibody detects ganglion cells in both the superficial and deep plexus of the wall of the small bowel in human.

Clonality: Polyclonal
Isotype: IgG
Light chain type: unknown
Function
VIP causes vasodilation, lowers arterial blood pressure, stimulates myocardial contractility, increases glycogenolysis and relaxes the smooth muscle of trachea, stomach and gall bladder. PHM and PHV also cause vasodilation.

Sequence similarities
Belongs to the glucagon family.

Cellular localization
Secreted.

Images

Immunohistochemical analysis of human nasal tissue with allergic chronic rhinosinusitis, staining VIP with ab8556.

Samples were blocked with blocking reagent for 10 minutes before incubating with primary antibody (1/50) at room temperature overnight. Staining was detected using DAB.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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