

Basic Information

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|---------------------------|---|
| Product Name | Anti-VIP Antibody (Clone#OTI1E8) |
| Gene Name | VIP |
| Source | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Species Reactivity | human |
| Tested Application | WB, IHC |
| Contents | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Immunogen | Full length human recombinant protein of human VIP (NP_003372) produced in E.coli. |
| Concentration | 500 ug/ml |
| Purification | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Observed MW | 16.4 kDa |
| Dilution Ratios | Western blot (WB): 1:2000 Immunohistochemistry (IHC):1:150 |

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

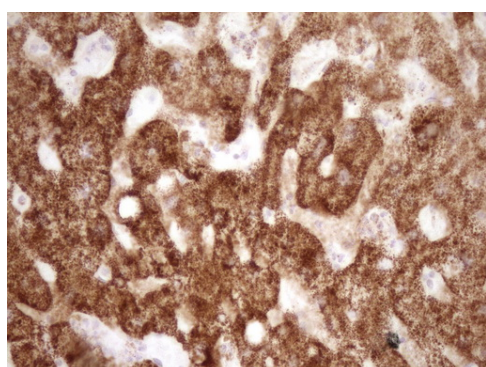
The protein encoded by this gene belongs to the glucagon family. It stimulates myocardial contractility, causes vasodilation, increases glycogenolysis, lowers arterial blood pressure and relaxes the smooth muscle of trachea, stomach and gall bladder. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

Selected Validation Data

170 —
130 —
100 —
70 —
55 —
40 —
35 —
25 —
15 —
10 —



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY VIP (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-VIP.



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-VIP mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, M00299)