CAB12531

## Product Information

## Size:

20uL, 50uL, 100uL, 200uL
Observed MW:
19 kDa

## Calculated MW:

19kDa
Applications:
WB IHC
Reactivity:
Human, Mouse, Rat

## Antibody Information

## Recommended dilutions:

WB 1:500-1:2000 IHC 1:50

- 1:200


## Source:

Rabbit

IgG

## Isotype:

g

## Protein Background

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.

## Immunogen information

## Gene ID:

7432

## Uniprot

P01282

## Synonyms:

VIP; PHM27

## Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 31-170 of human VIP (NP_003372.1).

## Storage:

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH 7.3 .

## Purification:

Affinity purification


Western blot analysis of extracts of rat spinal cord, using VIP antibody (CAB12531) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3\% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded human stomach using VIP antibody (CAB12531) (40x lens).

Immunohistochemistry of paraffin-embedded rat liver using VIP antibody (CAB12531) (40x lens).

Immunohistochemistry of paraffin-embedded human prostate using VIP antibody (CAB12531) (40x lens).

