

## Anti-VIP Rabbit pAb



WL05356

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

|                              |  |               |
|------------------------------|--|---------------|
| <b>Product name</b>          | Anti-VIP Rabbit pAb  |               |
| <b>Source</b>                | Rabbit   |               |
| <b>Species reactivity</b>    | Human, Mouse, Rat  |               |
| <b>Tested applications</b>   | WB   | 1:1000-1:2000 |
|                              | IHC, IF  | 1:100-1:500   |
| <b>Molecular Wt.</b>         | 19 kDa   |               |
| <b>Cellular localization</b> | Secreted.  |               |
| <b>Pack size</b>             | 50/100/200/500/1000μl  |               |
| <b>Storage</b>               | Store at -20°C. <b>Avoid freeze/thaw cycles.</b>             |               |
| <b>Storage buffer</b>        | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml |               |
|                              | BSA, 50% glycerol and less than 0.02% sodium azide           |               |

## General Information

|                     |  |
|---------------------|--|
| <b>Background</b>   | 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. |
| <b>Immunogen</b>    | Polyclonal antibody is produced by immunizing animals with a synthetic peptide of VIP.   |
| <b>Purification</b> | Polyclonal antibody was purified by Protein A affinity chromatography.   |

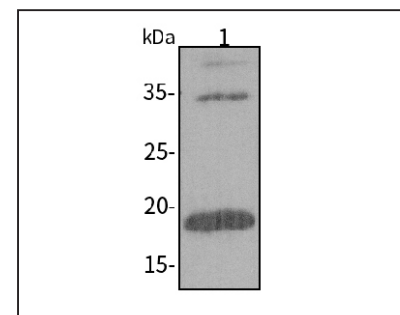
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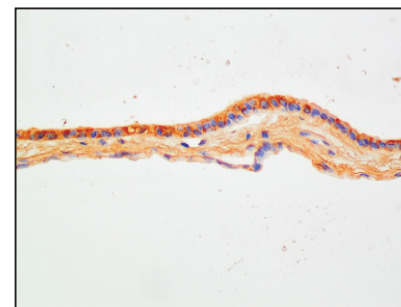
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## Product Images



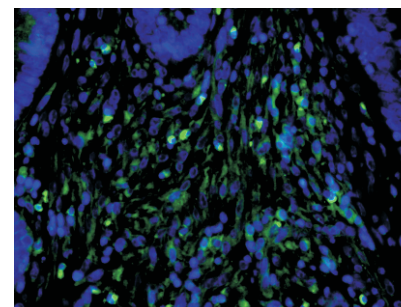
## Western blot-Anti-VIP pAb

Lane 1: Human Hela cell lysate 20μg  
 Separation gel: 15% polyacrylamide  
 Electrophoresis: 100V, 4°C, 3h  
 Transmembrane: 100V, 4°C, 1h  
 Blocking: 5% w/v nonfat dry milk, 1 × TBST, at RT with gentle shaking  
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight  
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min  
 Detection: ECL, 30s-2min



## Immunohistochemistry-Anti-VIP pAb

Immunohistochemical analysis of paraffin-embedded mouse gallbladder using anti-VIP Rabbit Antibody at 1:200 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



## Immunofluorescence-Anti-VIP pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-VIP Rabbit Antibody at 1:200 dilution.  
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

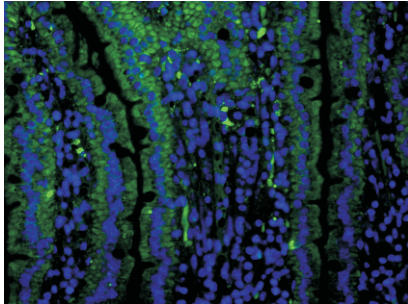


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#### Immunofluorescence-Anti-VIP pAb

Immunofluorescence analysis of paraffin-embedded mouse intestine using anti-VIP Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0