

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-VIP



Numéro de catalogue: 16233-1-AP

3 Publications

Informations de base

Numéro de catalogue:
16233-1-AP

Taille:
150ul, Concentration: 400 µg/ml by
Nanodrop and 267 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG8933

Numéro d'acquisition GenBank:
BC009794

Identification du gène (NCBI):
7432

Nom complet:
vasoactive intestinal peptide

MW calculé
169 aa, 19 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
IHC 1:20-1:200
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, ELISA

Demandes citées:
IF, IHC

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
souris

**Remarque-IHC: il est suggéré de démasquer
l'antigène avec un tampon de TE buffer pH
9,0; (*) A défaut, 'le démasquage de
l'antigène peut être 'effectué avec un
tampon citrate pH 6,0.**

Contrôles positifs:

IHC : tissu de côlon humain, tissu cérébral de souris,
tissu d'intestin grêle de rat, tissu d'intestin grêle
humain

IF : cellules COLO 320, tissu de côlon de souris

Informations générales

Vasoactive intestinal peptide (VIP), a short peptide containing 28 amino acids belonging to the secretin-glucagon family, is initially isolated from the gastrointestinal tract as a potent vasodilator peptide. VIP was initially identified in normal nervous tissue and neurons and was subsequently recognized as a neurotransmitter widely distributed in various tissues. The wide distribution of VIP determines its involvement in a range of biological activities, such as gut motility, hormonal regulation, circadian rhythms, immune responses, and carcinogenesis. The general physiologic effects of VIP include vasodilation, anti-inflammatory actions, cell proliferation, hormonal secretion, regulation of gastric motility, and smooth muscle relaxation; therefore, VIP has emerged as a promising drug candidate for the treatment of several diseases.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|-------------|-----------|-------------------|-------------|
| Muhua Huang | 34493162 | Pharm Biol | IF |
| Yixi Li | 37506142 | Immun Inflamm Dis | IHC |
| Jing Xue | 31509750 | Cell Rep | IF |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

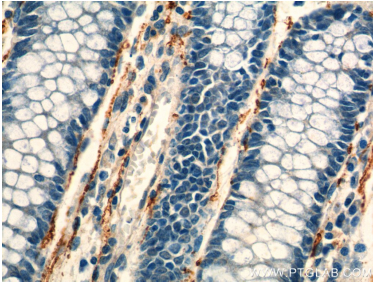
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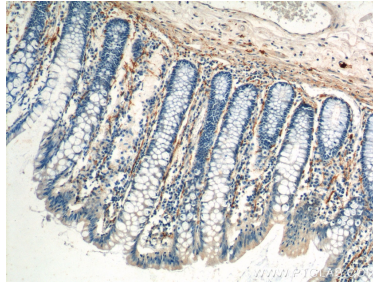
E: proteintech@ptglab.com
W: ptglab.com

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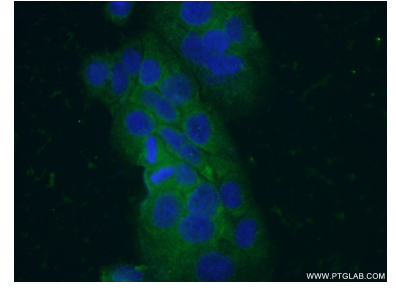
Données de validation sélectionnées



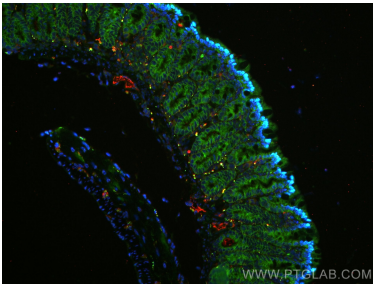
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 16233-1-AP (VIP Antibody) at dilution of 1:200 (under 40x lens).



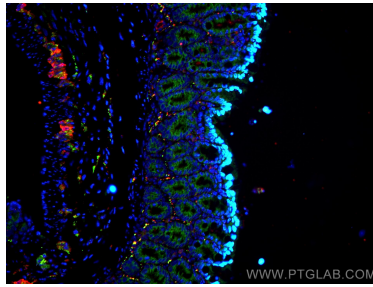
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 16233-1-AP (VIP Antibody) at dilution of 1:200 (under 10x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed COLO 320 cells using 16233-1-AP (VIP antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using VIP antibody (16233-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Calretinin antibody (66496-1-Ig, Clone: 2D7A9, red).



Immunofluorescent analysis of (4% PFA) fixed mouse colon tissue using VIP antibody (16233-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Calretinin antibody (66496-1-Ig, Clone: 2D7A9, red).