

## Rabbit VPAC2 / VIPR2 Polyclonal Antibody | anti-VPAC2 antibody

Rabbit Polyclonal to Human VPAC2 / VIPR2

| CATALOG # | HOST   | REACTIVITY                                                                              | APPLICATIONS                |
|-----------|--------|-----------------------------------------------------------------------------------------|-----------------------------|
| AAA51467  | Rabbit | Human<br><b>Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)</b> | <b>Immunohistochemistry</b> |

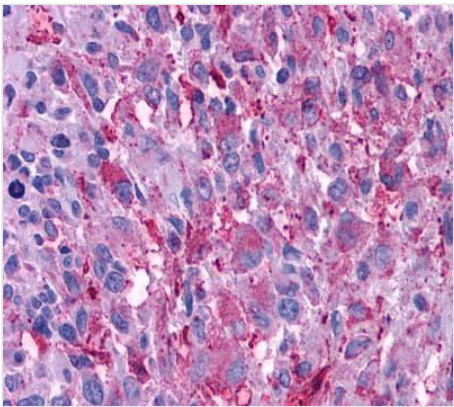
### PRODUCT SYNONYMS

VPAC2 / VIPR2; Polyclonal Antibody; Rabbit Polyclonal to Human VPAC2 / VIPR2; Anti-VPAC2 / VIPR2 Antibody (C-Terminus) IHC-plus; VIPR2; C16DUPq36.3; DUP7q36.3; PACAP-R-3; Pvr3; Vip type-2 receptor; Vip-r2; Vip2 receptor; PACAP type III receptor; Pacap type-3; PACAP-R3; PACAPR-3; VIP and PACAP receptor 2; VIP-R-2; VIP2R; VPAC2; VPCAP2R; PACAP3; Vip2; VPAC2R; Human VPAC2; anti-VPAC2 antibody

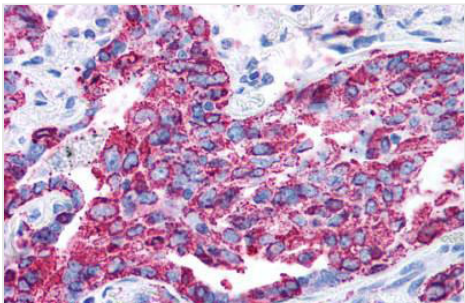
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                               |
| Reactivity                                      | Human<br><b>Predicted Reactivity: Monkey (at least 90% immunogen sequence identity)</b>                                                                                                                              |
| Clonality                                       | Polyclonal                                                                                                                                                                                                           |
| Specificity                                     | Human VIPR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.                                                                                                                   |
| Purity/Purification                             | Immunoaffinity Purified                                                                                                                                                                                              |
| Form/Format                                     | PBS, 0.1% sodium azide.                                                                                                                                                                                              |
| Concentration                                   | 1 mg/ml (varies by lot)                                                                                                                                                                                              |
| Sequence Length                                 | 438                                                                                                                                                                                                                  |
| Applicable Applications for anti-VPAC2 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                           |
| Target Species                                  | Human                                                                                                                                                                                                                |
| Immunogen Description                           | Synthetic 18 amino acid peptide from C-terminus of human VIPR2. Percent identity with other species by BLAST analysis: Human (100%); Monkey (94%); Gibbon, Marmoset (89%).                                           |
| Immunogen Type                                  | Synthetic peptide                                                                                                                                                                                                    |
| Immunogen                                       | VPAC2 / VIPR2 antibody was raised against synthetic 18 amino acid peptide from C-terminus of human VIPR2. Percent identity with other species by BLAST analysis: Human (100%); Monkey (94%); Gibbon, Marmoset (89%). |
| Antigen Modification                            | C-Terminus                                                                                                                                                                                                           |
| Preparation and Storage                         | Long term: -70 degree C; Short term: +4 degree C                                                                                                                                                                     |

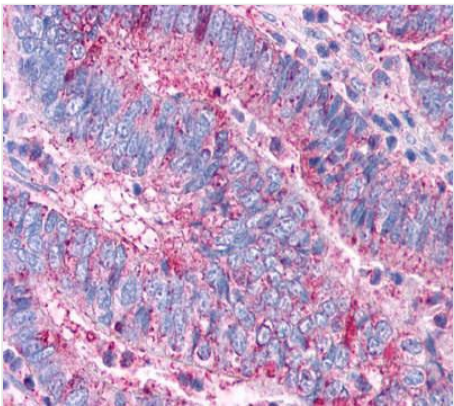
IMAGES



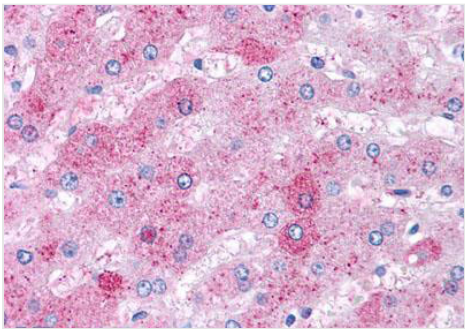
**IHC (Immunohistochemistry)**  
Anti-VPAC2 / VIPR2 antibody IHC of human Brain, Glioblastoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-VPAC2 / VIPR2 antibody IHC of human Lung, Adenocarcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-VPAC2 / VIPR2 antibody IHC of human Colon, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



**IHC (Immunohistochemistry)**  
Anti-VIPR2 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-VPAC2 antibody | Vasoactive intestinal polypeptide receptor 2 (VIPR2) is a member of the Vasoactive Intestinal Polypeptide subfamily. It is characterized by a high affinity for the VIP analogue from lizard venom named helodermin, a preference for the neuropeptide PACAP-38 over PACAP-27 and VIP, and an extremely low affinity for secretin. VIPR2 has been suggested to affect the rhythmicity and photic entrainment of the circadian clock. |
| Product Categories/Family for anti-VPAC2 antibody   | Family: GPCR; Subfamily: Vasoactive intestinal polypeptide                                                                                                                                                                                                                                                                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 21361557                                       |
| NCBI GeneID                      | 7434                                           |
| NCBI Accession #                 | NP_003373.2                                    |
| NCBI GenBank Nucleotide #        | NM_003382.4                                    |
| UniProt Accession #              | P41587; Q13053; Q15870; Q53Y09; Q6ZN22; Q9UCW0 |
| Molecular Weight                 | 46,756 Da                                      |
| NCBI Official Full Name          | vasoactive intestinal polypeptide receptor 2   |
| NCBI Official Synonym Full Names | vasoactive intestinal peptide receptor 2       |

|                               |                                                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Symbol          | VIPR2                                                                                                                                                                                                     |
| NCBI Official Synonym Symbols | VPAC2; VPAC2R; VIP-R-2; VPCAP2R; PACAP-R3; DUP7q36.3; PACAP-R-3; C16DUPq36.3                                                                                                                              |
| NCBI Protein Information      | vasoactive intestinal polypeptide receptor 2; PACAP type III receptor; VIP and PACAP receptor 2; helodermin-preferring VIP receptor; pituitary adenylate cyclase-activating polypeptide type III receptor |
| UniProt Protein Name          | Vasoactive intestinal polypeptide receptor 2                                                                                                                                                              |
| UniProt Gene Name             | VIPR2                                                                                                                                                                                                     |
| UniProt Synonym Gene Names    | VIP2R; VIP-R-2; PACAP type III receptor; PACAP-R-3; PACAP-R3                                                                                                                                              |
| UniProt Entry Name            | VIPR2_HUMAN                                                                                                                                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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