

**VPAC2 / VIPR2 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10328****Specification**

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**VPAC2 / VIPR2 Antibody (C-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">P41587</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	49kDa KDa

**VPAC2 / VIPR2 Antibody (C-Terminus) - Additional Information****Gene ID** 7434**Other Names**

Vasoactive intestinal polypeptide receptor 2, VIP-R-2, Helodermin-preferring VIP receptor, Pituitary adenylate cyclase-activating polypeptide type III receptor, PACAP type III receptor, PACAP-R-3, PACAP-R3, VPAC2, VIPR2, VIP2R

**Target/Specificity**

Human VIPR2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

VPAC2 / VIPR2 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**VPAC2 / VIPR2 Antibody (C-Terminus) - Protein Information****Name** VIPR2**Synonyms** VIP2R**Function**

This is a receptor for VIP as well as PACAP-38 and -27, the activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Can be coupled to phospholipase C.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Expressed in CD4+ T-cells, but not in CD8+ T-cells. Expressed in the T-cell lines Jurkat, Peer,

MOLT-4, HSB, YT and SUP-T1, but not in the T-cell lines HARRIS and HuT 78

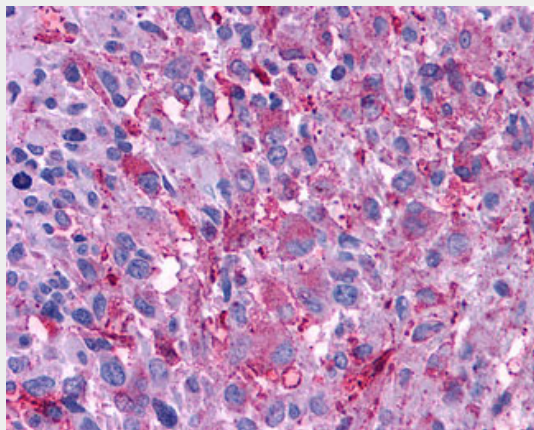
**Volume**  
147  $\mu$ l

### **VPAC2 / VIPR2 Antibody (C-Terminus) - Protocols**

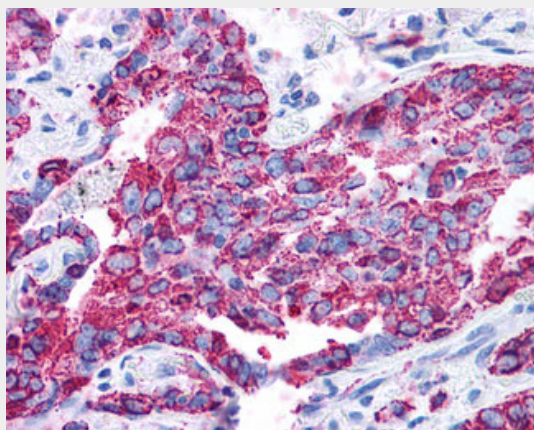
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

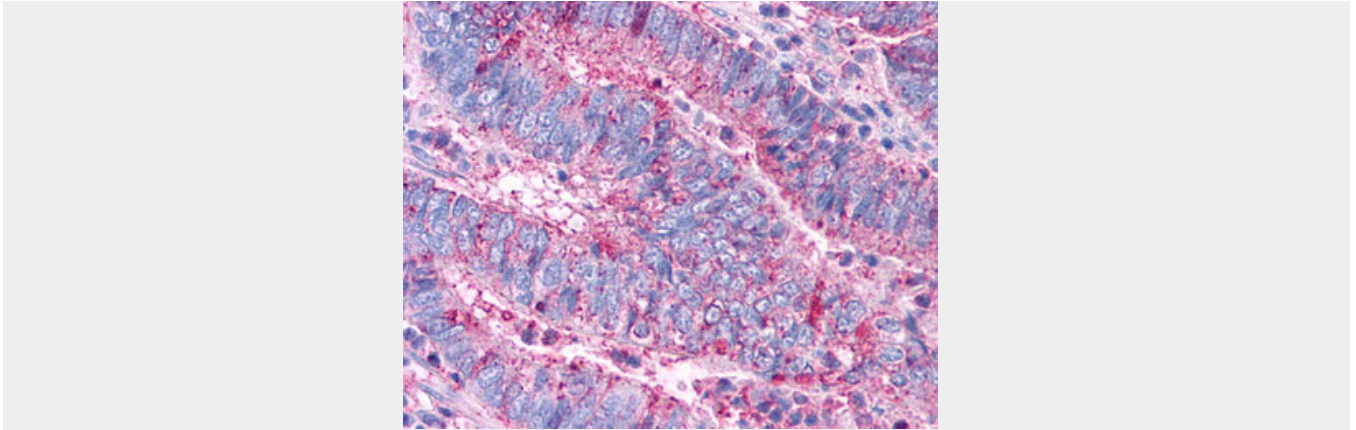
### **VPAC2 / VIPR2 Antibody (C-Terminus) - Images**



Anti-VPAC2 / VIPR2 antibody IHC of human Brain, Glioblastoma.



Anti-VPAC2 / VIPR2 antibody IHC of human Lung, Adenocarcinoma.



Anti-VPAC2 / VIPR2 antibody IHC of human Colon, Carcinoma.

#### **VPAC2 / VIPR2 Antibody (C-Terminus) - Background**

This is a receptor for VIP as well as PACAP-38 and -27, the activity of this receptor is mediated by G proteins which activate adenylyl cyclase. Can be coupled to phospholipase C.

#### **VPAC2 / VIPR2 Antibody (C-Terminus) - References**

- Svoboda M.,et al.Biochem. Biophys. Res. Commun. 205:1617-1624(1994).
- Mackay M.,et al.Genomics 37:345-353(1996).
- Wei Y.,et al.J. Neuroendocrinol. 8:811-817(1996).
- Lutz E.M.,et al.FEBS Lett. 458:197-203(1999).
- Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.