

**VIPR1 Antibody (Cytoplasmic Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10325****Specification**

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**VIPR1 Antibody (Cytoplasmic Domain) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P32241</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 52kDa KDa              |

**VIPR1 Antibody (Cytoplasmic Domain) - Additional Information****Gene ID** 7433**Other Names**

Vasoactive intestinal polypeptide receptor 1, VIP-R-1, Pituitary adenylate cyclase-activating polypeptide type II receptor, PACAP type II receptor, PACAP-R-2, PACAP-R2, VPAC1, VIPR1

**Target/Specificity**

Human VIP Receptor 1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GHRHR (56%).

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

VIPR1 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**VIPR1 Antibody (Cytoplasmic Domain) - Protein Information****Name** VIPR1**Function**

This is a receptor for VIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The affinity is VIP = PACAP-27 > PACAP-38.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

In lung, HT-29 colonic epithelial cells, Raji B- lymphoblasts. Lesser extent in brain, heart, kidney, liver and placenta. Not expressed in CD4+ or CD8+ T-cells. Expressed in the T- cell lines HARRIS, HuT 78, Jurkat and SUP-T1, but not in the T-cell lines Peer, MOLT-4, HSB and YT.

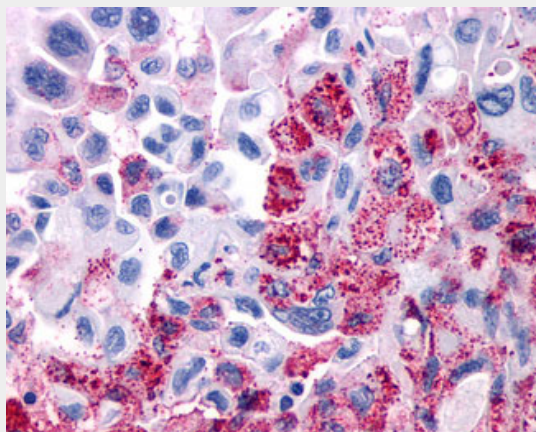
**Volume**  
50 µl

### **VIPR1 Antibody (Cytoplasmic Domain) - Protocols**

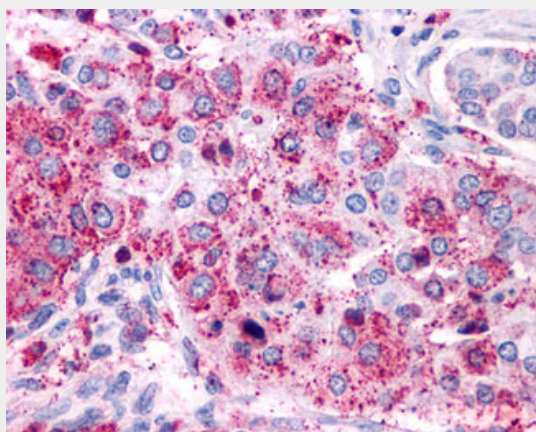
Provided below are standard protocols that you may find useful for product applications.

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

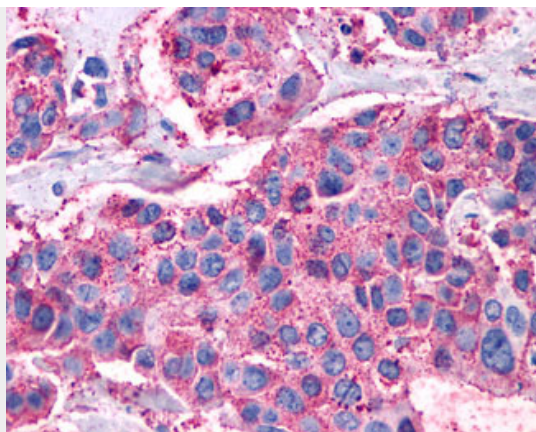
### **VIPR1 Antibody (Cytoplasmic Domain) - Images**



Anti-VIPR1 / RDC1 antibody IHC of human Pancreas, Carcinoma.



Anti-VIPR1 / RDC1 antibody IHC of human Lung, Adenocarcinoma.



Anti-VIPR1 / RDC1 antibody IHC of human Breast, Carcinoma.

#### **VIPR1 Antibody (Cytoplasmic Domain) - Background**

This is a receptor for VIP. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The affinity is VIP = PACAP-27 > PACAP-38.

#### **VIPR1 Antibody (Cytoplasmic Domain) - References**

Sreedharan S.P.,et al.Biochem. Biophys. Res. Commun. 193:546-553(1993).  
Couvineau A.,et al.Biochem. Biophys. Res. Commun. 200:769-776(1994).  
Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases.  
Martin A.L.,et al.Submitted (APR-2007) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).