

**GPR17 Antibody (Cytoplasmic Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10029**

**Specification**

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**GPR17 Antibody (Cytoplasmic Domain) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q13304</a>
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41kDa KDa
Dilution	IHC-P~~N/A

**GPR17 Antibody (Cytoplasmic Domain) - Additional Information**

**Gene ID** 2840

**Other Names**

Uracil nucleotide/cysteinyl leukotriene receptor, UDP/CysLT receptor, G-protein coupled receptor 17, P2Y-like receptor, R12, GPR17

**Target/Specificity**

Human GPR17. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

GPR17 Antibody (Cytoplasmic Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**GPR17 Antibody (Cytoplasmic Domain) - Protein Information**

**Name** GPR17

**Function**

Dual specificity receptor for uracil nucleotides and cysteinyl leukotrienes (CysLTs). Signals through G(i) and inhibition of adenylyl cyclase. May mediate brain damage by nucleotides and CysLTs following ischemia.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Expressed in brain, kidney, heart and umbilical vein endothelial cells. Highest level in brain

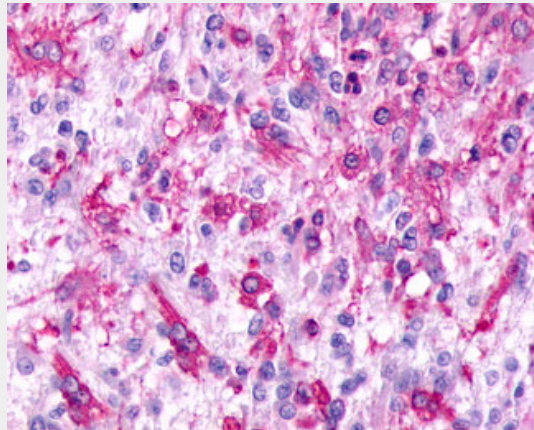
**Volume**  
50  $\mu$ l

### **GPR17 Antibody (Cytoplasmic Domain) - Protocols**

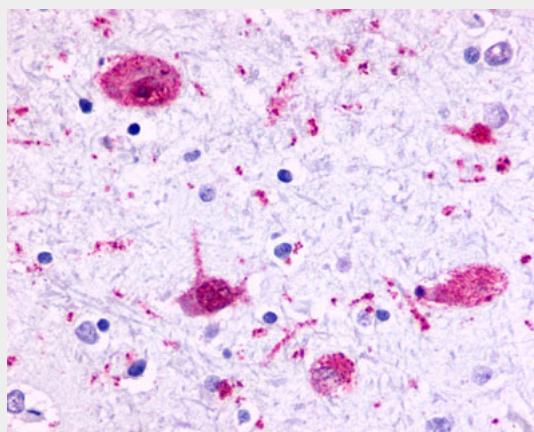
Provided below are standard protocols that you may find useful for product applications.

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

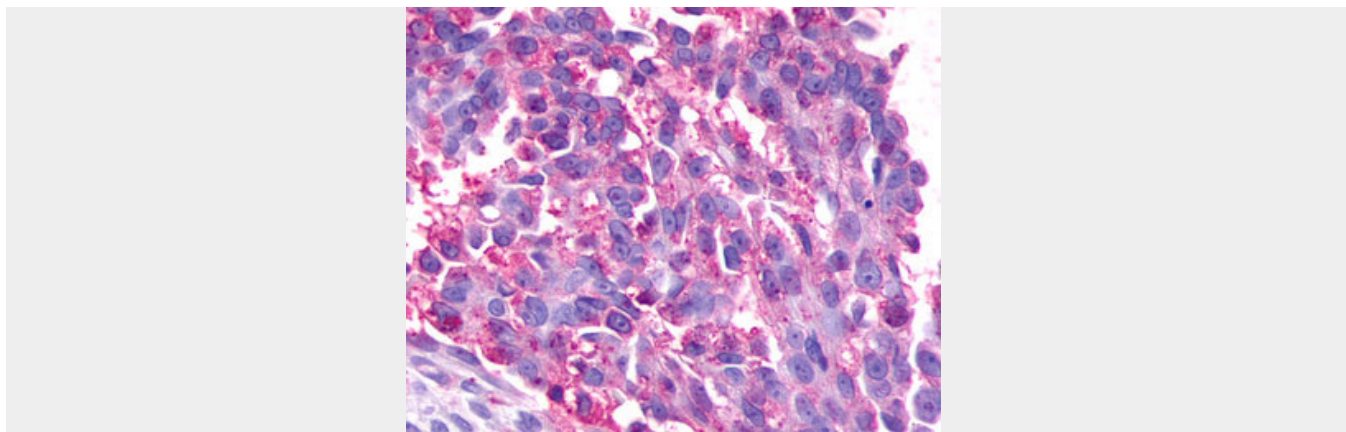
### **GPR17 Antibody (Cytoplasmic Domain) - Images**



Anti-GPR17 antibody IHC of human Brain, Glioblastoma.



Anti-GPR17 antibody ALS10029 IHC of human brain, neurons and glia.



Anti-GPR17 antibody IHC of human Ovary, Carcinoma.

### **GPR17 Antibody (Cytoplasmic Domain) - Background**

Dual specificity receptor for uracil nucleotides and cysteinyl leukotrienes (CysLTs). Signals through G(i) and inhibition of adenylyl cyclase. May mediate brain damage by nucleotides and CysLTs following ischemia.

### **GPR17 Antibody (Cytoplasmic Domain) - References**

- Raport C.J.,et al.J. Leukoc. Biol. 59:18-23(1996).
- Blaesius R.H.,et al.J. Neurochem. 70:1357-1365(1998).
- Ota T.,et al.Nat. Genet. 36:40-45(2004).
- Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
- Ciana P.,et al.EMBO J. 25:4615-4627(2006).