

**P2RY14 / GPR105 Antibody (Extracellular Domain)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10845**

**Specification**

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**P2RY14 / GPR105 Antibody (Extracellular Domain) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">Q15391</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 39kDa KDa              |

**P2RY14 / GPR105 Antibody (Extracellular Domain) - Additional Information**

**Gene ID** 9934

**Other Names**

P2Y purinoceptor 14, P2Y14, G-protein coupled receptor 105, UDP-glucose receptor, P2RY14, GPR105, KIAA0001

**Target/Specificity**

Human P2RY14 / P2Y14. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

P2RY14 / GPR105 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

**P2RY14 / GPR105 Antibody (Extracellular Domain) - Protein Information**

**Name** P2RY14

**Synonyms** GPR105, KIAA0001

**Function**

Receptor for UDP-glucose and other UDP-sugar coupled to G- proteins. Not activated by ATP, ADP, UTP or ATP.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Highest expression in the placenta, adipose tissue, stomach and intestine, intermediate levels in the brain, spleen, lung and heart, lowest levels in the kidney

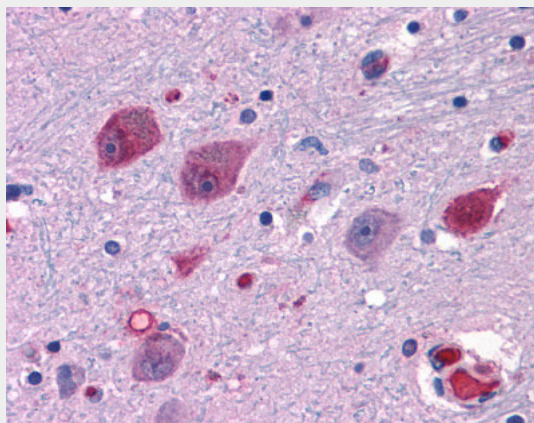
**Volume**  
50 µl

### **P2RY14 / GPR105 Antibody (Extracellular 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](#)

### **P2RY14 / GPR105 Antibody (Extracellular Domain) - Images**



Anti-P2RY14 / P2Y14 antibody ALS10845 IHC of human brain, neurons and glia.

### **P2RY14 / GPR105 Antibody (Extracellular Domain) - Background**

Receptor for UDP-glucose and other UDP-sugar coupled to G-proteins. Not activated by ATP, ADP, UTP or ATP.

### **P2RY14 / GPR105 Antibody (Extracellular Domain) - References**

Joensuu T., et al. Am. J. Hum. Genet. 69:673-684(2001).  
Nomura N., et al. DNA Res. 1:27-35(1994).  
Chambers J.K., et al. J. Biol. Chem. 275:10767-10771(2000).  
Sjöblom T., et al. Science 314:268-274(2006).