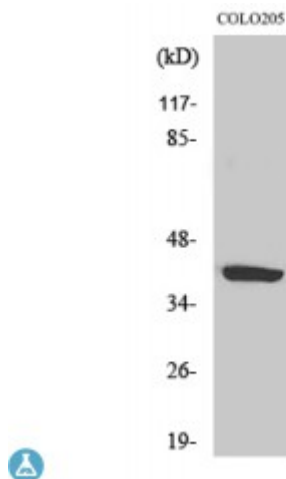


## Anti-GPR105 antibody



|                           |                                                                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>        | Rabbit polyclonal to GPR105.                                                                                                                                      |
| <b>Model</b>              | STJ93317                                                                                                                                                          |
| <b>Host</b>               | Rabbit                                                                                                                                                            |
| <b>Reactivity</b>         | Human, Mouse, Rat                                                                                                                                                 |
| <b>Applications</b>       | ELISA, IF, IHC, WB                                                                                                                                                |
| <b>Immunogen</b>          | Synthesized peptide derived from human GPR105                                                                                                                     |
| <b>Immunogen Region</b>   | 120-200 aa, Internal                                                                                                                                              |
| <b>Gene ID</b>            | <a href="#">9934</a>                                                                                                                                              |
| <b>Gene Symbol</b>        | <a href="#">P2RY14</a>                                                                                                                                            |
| <b>Dilution range</b>     | WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:10000                                                                                                        |
| <b>Specificity</b>        | GPR105 Polyclonal Antibody detects endogenous levels of GPR105 protein.                                                                                           |
| <b>Tissue Specificity</b> | Highest expression in the placenta, adipose tissue, stomach and intestine, intermediate levels in the brain, spleen, lung and heart, lowest levels in the kidney. |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                             |
| <b>Note</b>               | For Research Use Only (RUO).                                                                                                                                      |
| <b>Protein Name</b>       | P2Y purinoceptor 14 P2Y14 G-protein coupled receptor 105 UDP-glucose receptor                                                                                     |
| <b>Molecular Weight</b>   | 39 kDa                                                                                                                                                            |

|                              |                                                                                                            |
|------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>             | Polyclonal                                                                                                 |
| <b>Conjugation</b>           | Unconjugated                                                                                               |
| <b>Isotype</b>               | IgG                                                                                                        |
| <b>Formulation</b>           | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                    |
| <b>Concentration</b>         | 1 mg/ml                                                                                                    |
| <b>Storage Instruction</b>   | Store at -20°C, and avoid repeat freeze-thaw cycles.                                                       |
| <b>Database Links</b>        | <a href="#">HGNC:16442OMIM:610116</a>                                                                      |
| <b>Alternative Names</b>     | P2Y purinoceptor 14 P2Y14 G-protein coupled receptor 105 UDP-glucose receptor                              |
| <b>Function</b>              | Receptor for UDP-glucose and other UDP-sugar coupled to G-proteins. Not activated by ATP, ADP, UTP or ATP. |
| <b>Cellular Localization</b> | Cell membrane. Multi-pass membrane protein.                                                                |

---

**St John's Laboratory Ltd**

**F** +44 (0)207 681 2580

**T** +44 (0)208 223 3081

**W** <http://www.stjohnslabs.com/>

**E** [info@stjohnslabs.com](mailto:info@stjohnslabs.com)