

**P2RY14 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14771b**

**Specification**

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**P2RY14 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q15391](#)

**P2RY14 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 9934

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**P2RY14 Antibody (C-term) Blocking Peptide - 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

**P2RY14 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **P2RY14 Antibody (C-term) Blocking Peptide - Images**

#### **P2RY14 Antibody (C-term) Blocking Peptide - Background**

The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq].

#### **P2RY14 Antibody (C-term) Blocking Peptide - References**

Arase, T., et al. J. Immunol. 182(11):7074-7084(2009) Dovlatova, N., et al. Thromb. Haemost. 100(2):261-270(2008) Luttrell, L.M. Mol. Biotechnol. 39(3):239-264(2008) Ivanov, A.A., et al. Bioorg. Med. Chem. Lett. 17(3):761-766(2007) Ivanov, A.A., et al. J. Comput. Aided Mol. Des. 20 (7-8), 417-426 (2006) :