

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

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) :