

P2RY2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14740b**Specification**

P2RY2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P41231](#)

P2RY2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 5029

Other Names

P2Y purinoceptor 2, P2Y2, ATP receptor, P2U purinoceptor 1, P2U1, P2U receptor 1, Purinergic receptor, P2RY2, P2RU1

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.

P2RY2 Antibody (C-term) Blocking Peptide - Protein Information

Name P2RY2

Synonyms P2RU1

Function

Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. The affinity range is UTP = ATP > ATP-gamma-S >> 2-methylthio-ATP = ADP.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Spleen, testis, kidney, liver, lung, heart and brain

P2RY2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

P2RY2 Antibody (C-term) Blocking Peptide - Images

P2RY2 Antibody (C-term) Blocking Peptide - Background

The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is responsive to both adenosine and uridine nucleotides. It may participate in control of the cell cycle of endometrial carcinoma cells. Three transcript variants encoding the same protein have been identified for this gene.

P2RY2 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Boucher, I., et al. Am. J. Physiol., Cell Physiol. 299 (2), C411-C421 (2010) : Ratchford, A.M., et al. J. Biol. Chem. 285(10):7545-7555(2010) Taboubi, S., et al. Mol. Biol. Cell 21(6):946-955(2010) Vazquez-Cuevas, F.G., et al. Reprod. Biol. Endocrinol. 8, 88 (2010) :