

**ADORA1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14424b****Specification**

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**ADORA1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P30542](#)

**ADORA1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 134

**Other Names**

Adenosine receptor A1, ADORA1

**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.

**ADORA1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** ADORA1

**Function**

Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**ADORA1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**ADORA1 Antibody (C-term) Blocking Peptide - Images****ADORA1 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is an adenosine receptorthat belongs to the G-protein coupled

receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type A1 receptors inhibit adenylyl cyclase, and play a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication. Transcript variants with alternative splicing in the 5' UTR have been found for this gene.

#### **ADORA1 Antibody (C-term) Blocking Peptide - References**

Lane, J.R., et al. Biochem. Pharmacol. 80(8):1180-1189(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Wagner, A.K., et al. Epilepsy Res. 90(3):259-272(2010) Ruano, G., et al. Pharmacogenomics 11(7):959-971(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :