

ADORA2A Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP10467c**Specification**

ADORA2A Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P29274](#)
Other Accession [NP_000666.2](#)

ADORA2A Antibody (Center) Blocking Peptide - Additional Information

Gene ID 135

Other Names

Adenosine receptor A2a, ADORA2A, ADORA2

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.

ADORA2A Antibody (Center) Blocking Peptide - Protein Information

Name ADORA2A

Synonyms ADORA2

Function

Receptor for adenosine (By similarity). The activity of this receptor is mediated by G proteins which activate adenylyl cyclase (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:P30543}; Multi-pass membrane protein {ECO:0000250|UniProtKB:P30543} Note=Colocalizes with GAS2L2 at neuronal processes {ECO:0000250|UniProtKB:P30543}

ADORA2A Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ADORA2A Antibody (Center) Blocking Peptide - Images**ADORA2A Antibody (Center) Blocking Peptide - Background**

ADORA2A is a protein which is one of several receptor subtypes for adenosine. The activity of the encoded protein, a G-protein coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase. This protein is abundant in basal ganglia, vasculature and platelets and it is a major target of caffeine.

ADORA2A Antibody (Center) Blocking Peptide - References

Buira, S.P., et al. J. Neurochem. 115(1):283-295(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rogers, P.J., et al. Neuropsychopharmacology 35(9):1973-1983(2010) Tebano, M.T., et al. ScientificWorldJournal 10, 1768-1782 (2010) :Kobayashi, H., et al. Behav Brain Funct 6, 50 (2010) :