10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Adenosine Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11629

Specification

Adenosine Antibody - Product Information

Application	**WB**
Reactivity	**Mammalian**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**

Adenosine Antibody - Additional Information

Other Names
Acide 5-adénylique, Adenine Nucleoside, Adénine Nucléoside, Adenine Riboside, Adénine Riboside, Adenosina

Target/Specificity
Adenosine

Formulation
100 µg (1 mg/ml) in PBS (prepared using DEPC-treated water) with 0.09% (W/V) sodium azide.

Handling
The antibody solution should be gently mixed before use.

Background Descriptions

Precautions
Adenosine Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Adenosine Antibody - Protein Information

Adenosine Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

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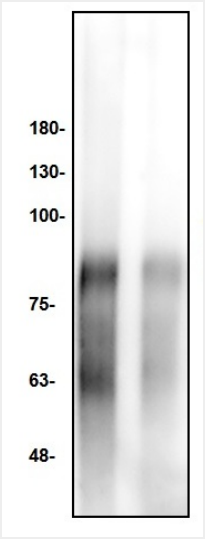
- Flow Cytomety
- Cell Culture

Adenosine Antibody - Images



Western blot analysis by anti-Adenosine Lane1: N6-Methyladenosine conjugated with BSA (2ng); Lane2: Adenosine conjugated with BSA (3ng).

Adenosine Antibody - Background

Adenosine (ADO) is a purine nucleoside comprising a molecule of adenine attached to a ribose sugar molecule (ribofuranose) moiety via a β-N9-glycosidic bond. Adenosine plays an important role in biochemical processes, such as energy transfer — as adenosine triphosphate (ATP) and adenosine diphosphate (ADP) — as well as in signal transduction as cyclic adenosine monophosphate, cAMP. It is also an inhibitory neurotransmitter, believed to play a role in promoting sleep and suppressing arousal.