

**Guanosine Antibody**  
**Purified Rabbit Polyclonal Antibody**  
**Catalog # ABV11631****Specification**

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**Guanosine Antibody - Product Information**

Application	WB
Reactivity	Mammalian
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG

**Guanosine Antibody - Additional Information****Other Names**

Deoxyguanosine

**Target/Specificity**

Guanosine

**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**

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

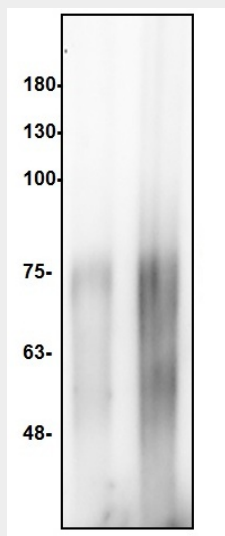
**Guanosine Antibody - Protein Information****Guanosine Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## Guanosine Antibody - Images



Western blot analysis by Anti-Guanosine. Lane1: 7-Methylguanosine conjugated with BSA (3ng); Lane2: Guanosine conjugated with BSA (3ng).

## Guanosine Antibody - Background

Guanosine is a purine nucleoside comprising of a guanine attached to a ribose (ribofuranose) ring via a  $\beta$ -N9-glycosidic bond. Guanosine can be phosphorylated to become guanosine monophosphate (GMP), cyclic guanosine monophosphate (cGMP), guanosine diphosphate (GDP), and guanosine triphosphate (GTP). These forms play important roles in various biochemical processes such as synthesis of nucleic acids and proteins, photosynthesis, muscle contraction, and intracellular signal transduction (cGMP). When guanine is attached by its N9 nitrogen to the C1 carbon of a deoxyribose ring it is known as deoxyguanosine.