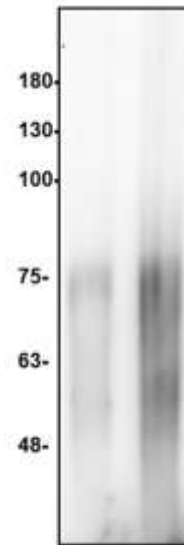


## Guanosine Antibody

<b>CATALOG NO:</b>	6654-30T 30 µg (Trial size) 6654-100 100 µg
<b>ALTERNATE NAME:</b>	Deoxyguanosine
<b>CONCENTRATION:</b>	1 mg/ml
<b>IMMUNOGEN:</b>	This antibody is generated from rabbits immunized with a BSA conjugated Guanosine
<b>INTERNAL ID:</b>	BV-N11-12
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Guanosine and 7-Methylguanosine in wide species of mammals.
<b>PURIFICATION:</b>	This antibody is purified through a protein A column, followed by immunogen affinity purification.
<b>FORMULATION:</b>	Supplied in PBS (prepared using DEPC-treated water) with 0.09% (W/V) sodium azide.
<b>STORAGE CONDITIONS:</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>DESCRIPTION:</b>	Guanosine is purine nucleoside comprising of a guanine attached to a ribose (ribofuranose) ring via a $\beta$ -N <sub>9</sub> -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.
<b>APPLICATION:</b>	Western blot: 1-4 µg/ml. Dot Blot, Chromatin Immunoprecipitation (ChIP), RNA Binding Protein Immunoprecipitation (RIP)  <b>Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.</b>



### Western blot analysis by Anti-Guanosine

Lane 1: 7-Methylguanosine conjugated with BSA - 3 ng  
Lane 2: Guanosine conjugated with BSA - 3 ng

### RELATED PRODUCTS:

- Adenosine Antibody (Cat. No. 6652-100)
- N6-Methyladenosine Antibody (Cat. No. 6653-100)
- Guanosine antibody (Cat. No. 6654-100)
- 8-Br-cGMP (Cat. No. 1838-5, -25)
- cGMP Antibody (Cat. No. 3568-100)
- cGMP Direct Immunoassay Kit (Colorimetric) (Cat. No. K372-100)
- cAMP Antibody (Cat. No. 3567-100)
- 8-Br-cAMP (Cat. No. 1837-5, -25)
- cAMP Direct Immunoassay Kit (Colorimetric) (Cat. No. K371-100)
- ATP Colorimetric/Fluorometric Assay Kit (Cat. No. K354-100)
- ADP Colorimetric/Fluorometric Assay Kit (Cat. No. K355-100)
- ApoSENSOR™ ADP/ATP Ratio Bioluminescence Assay Kit (Cat. No. K255-100)
- ApoSENSOR™ ATP Cell Viability Bioluminescence Assay Kit (Cat. No. K254-200)
- ATP Solution (100 mM) (Cat. No. 2121-100)

**FOR RESEARCH USE ONLY! Not to be used on humans.**