

7-Methylguanosine Antibody

Purified Rabbit Polyclonal Antibody Catalog # ABV11632

Specification

7-Methylguanosine Antibody - Product Information

Application Reactivity Host Clonality Isotype WB Mammalian Rabbit Polyclonal Rabbit IgG

7-Methylguanosine Antibody - Additional Information

Other Names m7G

Target/Specificity 7-Methylguanosine

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 7-Methylguanosine Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

7-Methylguanosine Antibody - Protein Information

7-Methylguanosine Antibody - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- <u>Dot Blot</u>
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety



• <u>Cell Culture</u> 7-Methylguanosine Antibody - Images



Western blot analysis by Anti-m7G. Lane1: 7-Methylguanosine conjugated with BSA (3ng); Lane2: Guanosine conjugated with BSA (3ng).

7-Methylguanosine Antibody - Background

7-Methylguanosine (m7G) is a modified purine nucleobase. It is a methylated version of guanosine and when found in human urine, it may be a biomarker of some types of cancer. It also plays a role in RNA as blocking group at its 5´-end. 7-Methylguanosine may be used to characterize and study the metabolism of naturally occurring methylated guanosines in RNAs.