10320 Camino Santa Fe, Suite G
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DNase I Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10171

Specification

DNase I Antibody - Product Information

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

DNase I Antibody - Additional Information

Application & Usage	**Western blot analysis (0.5-4 µg/ml). The immunoaffinity purified antibody detects an approximately 33 kDa bovine pancreatic DNase I in Western blot analysis**

Other Names
DNASE1, DRNI, DNL1 , FLJ38093

Target/Specificity
DNase I

Antibody Form
Liquid

Appearance
Colorless liquid

Formulation
100 µg (0.2 mg/ml) affinity purified rabbit anti-DNase I polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage
-20 °C

Background Descriptions

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

DNase I Antibody - Protein Information

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DNase I 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 Cytomety
- Cell Culture

DNase I Antibody - Images

DNase I Antibody - Background

Deoxyribonuclease I (DNase I) is a Ca2+ and Mg2+ dependent endonuclease. DNase I is synthesized in the pancreas and stored in zymogen granules. It has been used to reduce the viscosity of cystic fibrosis sputum. A DNase I-like enzyme appears to catalyze the degradation of chromatin to oligo- and mononucleosomes during apoptosis. A recent study has demonstrated an endonuclease with activity and antigenicity indistinguishable from DNase I in thymocytes, cells susceptible to apoptosis.