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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Dnase?Polyclonal Antibody

Catalog Number:E-AB-40592



Note: Centrifuge before opening to ensure complete recovery of vial contents.

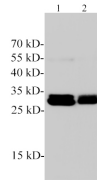
Description

Reactivity	Human
Immunogen	Recombinant Human DnaseI protein expressed by E.coli.
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol,pH 7.4

Applications Recommended Dilution

WB	1:1000-2000
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Data



Western blotting with anti-DnaseI polyclonal antibody at dilution of 1:1000. Lane 1: MCF-7 cell lysate, Lane 2: Hela cell lysate.

Observed Mw:31kDa
Calculated Mw:31kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Deoxyribonuclease I (DNase I) is an endonuclease which is secreted to cleave DNA in the extracellular space down to an average of tetranucleotides with 5' monophosphate and 3' hydroxyl DNA ends . Both single-stranded DNA and double-stranded DNA are degraded by Dnase I. This nuclease appears to account for the major nucleolytic activity on DNA in serum and is responsible for the degradation of the majority of circulating DNA derived from apoptotic and necrotic cell death and from neutrophil extracellular traps. In addition to its role in the serum, it has been proposed as one of the deoxyribonucleases responsible for DNA fragmentation in the process of apoptosis.

For Research Use Only

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