

Datasheet for ABIN7266733
anti-DNASE1 antibody (AA 30-235)



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Overview

Quantity:	100 µL
Target:	DNASE1
Binding Specificity:	AA 30-235
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNASE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	DNASE1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 30-235 of human DNASE1 (NP_005214.2).
Sequence:	IQTFGETKMS NATLVSYIVQ ILSRYDIALV QEVDRSHLTA VGKLLDNLNQ DAPDTYHYVV SEPLGRNSYK ERYLFVYRPD QVSAVDSYYY DDGCEPCGND TFNREPAIVR FFSRFTEVRE FAIVPLHAAP GDAVAEIDAL YDVYLDVQEK WGLEDVMLMG DFNAGCSYVR PSQWSSIRLW TSPTFQWLIP DSADTTATPT HCAYDR
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: DNASE1

Alternative Name: DNASE1 ([DNASE1 Products](#))

Background: This gene encodes a member of the DNase family. This protein is stored in the zymogen granules of the nuclear envelope and functions by cleaving DNA in an endonucleolytic manner. At least six autosomal codominant alleles have been characterized, DNASE1*1 through DNASE1*6, and the sequence of DNASE1*2 represented in this record. Mutations in this gene have been associated with systemic lupus erythematosus (SLE), an autoimmune disease. A recombinant form of this protein is used to treat the one of the symptoms of cystic fibrosis by hydrolyzing the extracellular DNA in sputum and reducing its viscosity. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.,DNASE1,DNL1,DRNI,Epigenetics & Nuclear Signaling,Cell Biology & Developmental Biology,Apoptosis,Cell Cycle,Endocrine & Metabolism,DNASE1

Molecular Weight: 19kDa/31kDa

Gene ID: 1773

UniProt: [P24855](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

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