

Rabbit DNase I Polyclonal Antibody | anti-DNase I antibody

DNase I antibody

CATALOG # AAA107798	HOST Rabbit	APPLICATIONS Western Blot, Immunocytochemistry, Immunofluorescence
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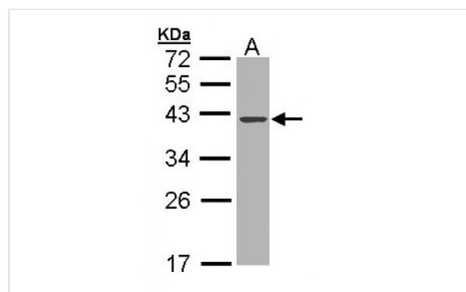
PRODUCT SYNONYMS

DNase I; Polyclonal Antibody; DNase I antibody; Polyclonal DNase I; Anti-DNase I; Dornase alfa; FLJ44902; deoxyribonuclease I; DNL1; FLJ38093; deoxyribonuclease-1; DNase I lysosomal; DRNI; human urine deoxyribonuclease I; DKFZp686H0155; DNASE1; anti-DNase I antibody

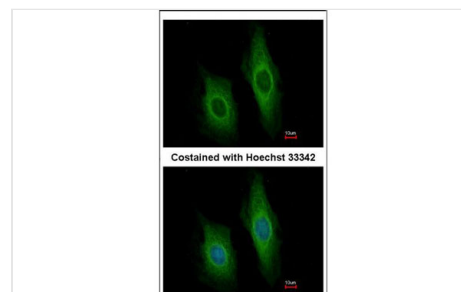
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	DNase I antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Sequence Length	282
Applicable Applications for anti-DNase I antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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, 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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: MOLT4) using a 10 % SDS PAGE gel and DNase I antibody at a dilution of 1:1000


IF (Immunofluorescence)

Immunofluorescence analysis of methanol-fixed HeLa, using DNase I antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DNase I antibody	Affinity purified Rabbit polyclonal DNase I antibody
Product Categories/Family for anti-DNase I antibody	Proteases ; Inhibitors ; & Enzymes ; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	181624
Molecular Weight	31 kDa
NCBI Official Full Name	DNase I
UniProt Protein Name	Deoxyribonuclease-1
UniProt Gene Name	DNASE1
UniProt Synonym Gene Names	DNL1; DRNI; DNase I
UniProt Entry Name	DNAS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dnase-i-antibody-western-blot-immunocytochemistry-immunofluorescence-elisa/107798>