Datasheet for ABIN1885847

anti-DNASE1 antibody (AA 1-252)

Go to Product page

Overview

Quantity:	100 µL
Target:	DNASE1
Binding Specificity:	AA 1-252
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNASE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 252 of DNase I
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	DNASE1
Alternative Name:	DNase I (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

Target Details

	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.[provided by RefSeq]
Molecular Weight:	31 kDa
Gene ID:	1773
NCBI Accession:	NM_005223, NP_005214

Application Details

Application Notes:	Suggested dilutions: Western blotting: 1.500-1.3000 Immunofluorescence: 1.100-1.200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.1 M Tris-buffered saline with 10 % Glycerol (pH 7.0).0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	Biohazard Informations: This product contains thimerosal which is hazardous.
Storage:	4 °C/-20 °C
Storage Comment:	Store at -20 °C for long term preservation (recommended). Store at 4 °C for short term use.