

Rabbit anti-Human DNase II Polyclonal Antibody | anti-DNase II antibody

DNase II Antibody

CATALOG # AAA307504	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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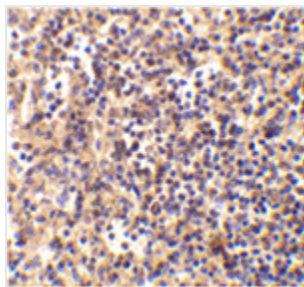
PRODUCT SYNONYMS

DNase II; Polyclonal Antibody; DNase II Antibody; anti-DNase II antibody

PRODUCT SPECIFICATIONS

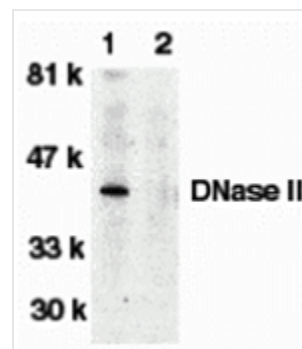
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	1920
Applicable Applications for anti-DNase II antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids 347 to 360 of human DNase II precursor (2-4).
Target Name	DNase II
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of DNaseII in human spleen tissue with DNaseII antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of DNase II in human spleen tissue lysate in the absence (lane 1) or presence (lane 2) of blocking peptide with DNase antibody II at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DNase II antibody	Apoptosis is characterized by several morphological nuclear changes including chromatin condensation and nuclear fragmentation. These changes are triggered by the activation of members of caspase family, caspase activated DNase, and several novel proteins including AIF and Acinus. DNase II causes both chromatin condensation and DNA fragmentation. The genes encoding human, porcine, and murine DNase II have been cloned. The DNase II gene encodes a 40 kDa proenzyme. The mature enzyme consists of two non-identical subunits, the 32 kDa (alpha) and 12 kDa (beta) chains, generated by proteolytic processing. Overexpression of DNase II induces chromatin condensation. DNase II is ubiquitously expressed in human tissues.
Product Categories/Family for anti-DNase II antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	2921838
NCBI GeneID	1777
Molecular Weight	33,615 Da
NCBI Official Full Name	Homo sapiens deoxyribonuclease II alpha mRNA, complete cds
NCBI Official Synonym Full Names	deoxyribonuclease II, lysosomal
NCBI Official Symbol	DNASE2
NCBI Official Synonym Symbols	DNL; DNL2; DNASE2A
NCBI Protein Information	deoxyribonuclease-2-alpha
UniProt Protein Name	Deoxyribonuclease-2-alpha
UniProt Gene Name	DNASE2
UniProt Synonym Gene Names	DNASE2A; DNL2; DNase II alpha
UniProt Entry Name	DNS2A_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-ii-antibody-immunohistochemistry-western-blot-elisa/307504>