

Rabbit anti-Human DNase II Polyclonal Antibody | anti-DNASE2 antibody

DNase II Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40332	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

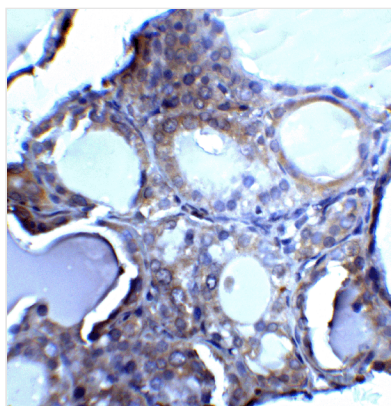
PRODUCT SYNONYMS

DNase II; Polyclonal Antibody; DNase II Antibody; DNL; DNL2; DNASE2A; Deoxyribonuclease-2-alpha; Acid DNase; DNase II alpha; deoxyribonuclease II; lysosomal; anti-DNASE2 antibody

PRODUCT SPECIFICATIONS

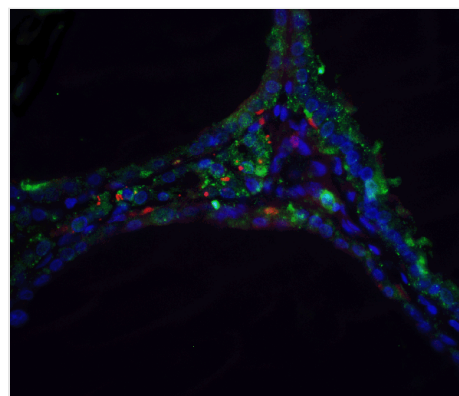
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	DNase II Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	1920
Applicable Applications for anti-DNASE2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DNase II antibody was raised against a 14 amino acid peptide near the carboxy terminus of human DNase II.
Buffer	DNase II Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DNase II antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to 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



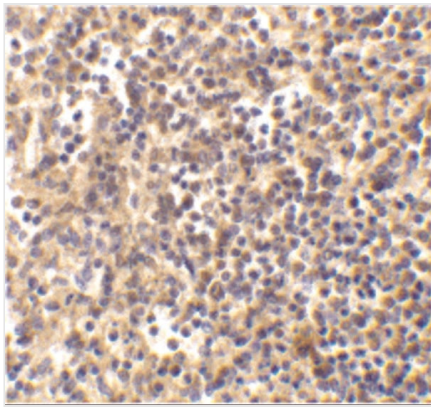
IHC (Immunohistochemistry)

Immunohistochemistry of DNase II in human spleen tissue with DNase II antibody at 5 μg/ml.



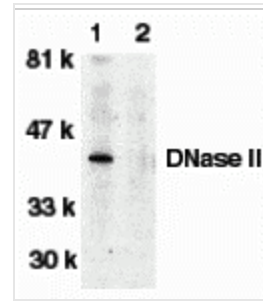
IF (Immunofluorescence)

Immunofluorescence of DNase II in human spleen tissue with DNase II antibody at 5 μg/ml. Green: DNase II antibody (2059) Red: Phylloidin staining Blue: DAPI staining



IHC (Immunohistochemistry)

Immunohistochemistry of DNase II in human spleen tissue with DNase II antibody at 5 µg/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 II antibody at 1:500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-DNASE2 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2921838
NCBI GeneID	1777
UniProt Accession #	O00115; O43910; B2RD06; B7Z4K6
Molecular Weight	Aprox: 40 kDa
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; R31240_2; acid DNase; DNase II alpha; lysosomal DNase II; DNase II, lysosomal; deoxyribonuclease II 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://www.aaabiotech.com/polyclonal/dnase-ii-antibody-immunohistochemistry-western-blot-elisa/40332>