

DNASE2 / DNase II Antibody (aa347-360)
Rabbit Polyclonal Antibody
Catalog # ALS11451

Specification

DNASE2 / DNase II Antibody (aa347-360) - Product Information

Application	WB, IHC
Primary Accession	O00115
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

DNASE2 / DNase II Antibody (aa347-360) - Additional Information

Gene ID 1777

Other Names

Deoxyribonuclease-2-alpha, 3.1.22.1, Acid DNase, Deoxyribonuclease II alpha, DNase II alpha, Lysosomal DNase II, R31240_2, DNASE2, DNASE2A, DNL2

Target/Specificity

peptide corresponding to amino acids 347 to 360 of human DNase II precursor (2-4)

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

DNASE2 / DNase II Antibody (aa347-360) is for research use only and not for use in diagnostic or therapeutic procedures.

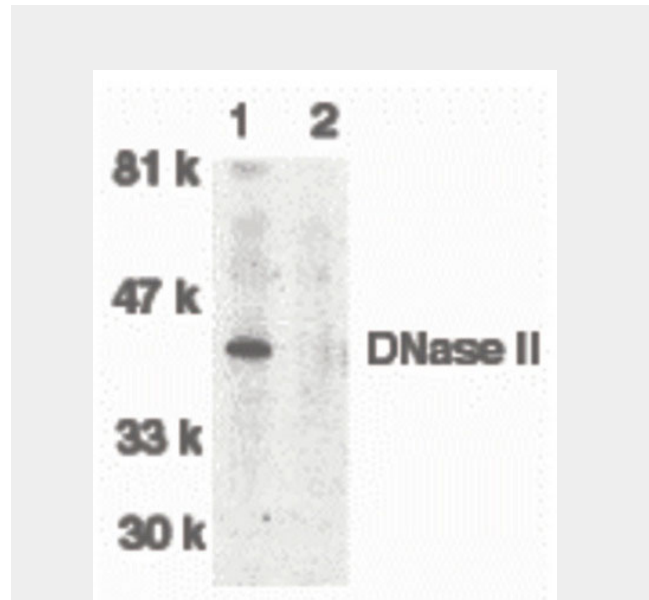
DNASE2 / DNase II Antibody (aa347-360) - Protein Information

Name DNASE2

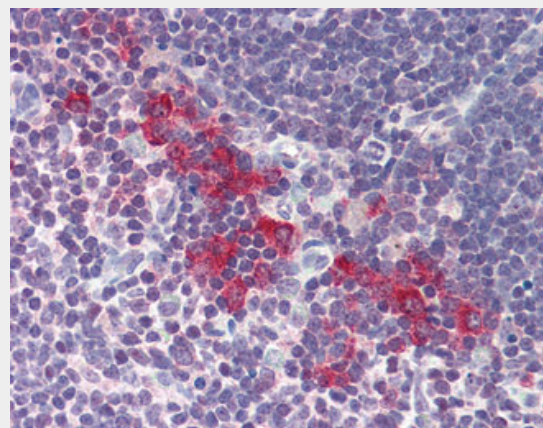
Synonyms DNASE2A, DNL2

Function

Hydrolyzes DNA under acidic conditions with a preference for double-stranded DNA. Plays a major role in the degradation of



Western blot of DNase II in human spleen tissue lysate in the absence (lane 1) or presence (lane...)



Anti-DNASE2 / DNase II antibody IHC of human thymus.

nuclear DNA in cellular apoptosis during development. Necessary for proper fetal development and for definitive erythropoiesis in fetal liver, where it degrades nuclear DNA expelled from erythroid precursor cells.

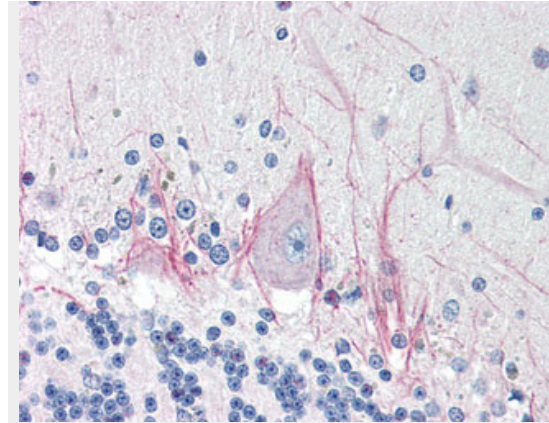
Cellular Location

Lysosome.

DNASE2 / DNase II Antibody (aa347-360) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



Anti-DNASE2 / DNase II antibody IHC of human brain, cerebellum.

DNASE2 / DNase II Antibody (aa347-360) - Background

Hydrolyzes DNA under acidic conditions with a preference for double-stranded DNA. Plays a major role in the degradation of nuclear DNA in cellular apoptosis during development. Necessary for proper fetal development and for definitive erythropoiesis in fetal liver, where it degrades nuclear DNA expelled from erythroid precursor cells.

DNASE2 / DNase II Antibody (aa347-360) - References

- Yasuda T., et al. *Ann. Hum. Genet.* 62:299-305(1998).
Shiokawa D., et al. *Biochem. Biophys. Res. Commun.* 247:864-869(1998).
Baker K.P., et al. *Gene* 215:281-289(1998).
Krieser R.J., et al. *J. Biol. Chem.* 273:30909-30914(1998).
Yasuda T., et al. *J. Biol. Chem.* 273:2610-2616(1998).