
DNase II Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253324

Unit: 0.1 mg

Description:

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.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: DNase II

Accession No.: AF047016

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human DNase II.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.