DNASE2B

Synthetic Human Deoxyribonuclease II beta (aa 347-360)(CT) Blocking Peptide

Catalog No. PX025BP **Quantity:** 50 µg

Alternate Names: DLAD, DNase II-like acid DNase, endonuclease DLAD, lysosomal DNase II

Description: Amino acids 347 to 360 of human DNase II precursor.

The protein encoded by this gene shares considerable sequence similarity to, and is structurally related to DNase II. The latter is a well characterized endonuclease that catalyzes DNA hydrolysis in the absence of divalent cations at acidic pH. Unlike DNase II which is ubiquitously expressed, expression of this gene product is restricted to the salivary gland and lungs. The gene has been localized to chromosome 1p22.3 adjacent (and in opposite orientation) to the uricase pseudogene. Two transcript variants encoding different isoforms have been described for this gene.

Gene ID: 58511

Application: The peptide is used for blocking the activity of DNase II. Incubating the peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.

Formulation: It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH_2PO_4, 10 mM, Na_2HPO_4, 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Sequence: NH_2-CNGMARKPSRAYKI-OH

Storage & Stability: Store at -20°C, stable for one year.

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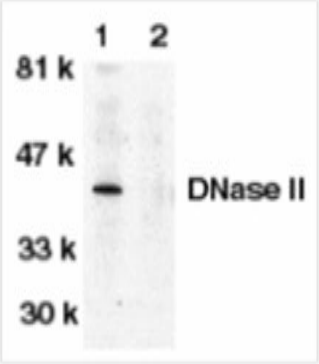
DNase II (C-Terminus) Peptide



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