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Datasheet for ABIN2775490
anti-DNASE2B antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	DNASE2B
Binding Specificity:	N-Term
Reactivity:	Human, Guinea Pig, Cow, Horse, Rat, Dog, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNASE2B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DNASE2B
Sequence:	EGKAVDWFTF YKLPKRQNKE SGETGLELYL LDSTTRSWRK SEQLMNDTKS
Predicted Reactivity:	Cow: 79%, Dog: 82%, Guinea Pig: 79%, Horse: 86%, Human: 100%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against DNASE2B. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DNASE2B
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Target Details

Alternative Name: DNASE2B ([DNASE2B Products](#))

Background: DNASE2B 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 protein is restricted to the salivary gland and lungs. 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.

Alias Symbols: DLAD

Protein Interaction Partner: UBC, UBD,

Protein Size: 357

Molecular Weight: 39 kDa

Gene ID: 58511

NCBI Accession: [NM_021233](#), [NP_067056](#)

UniProt: [Q8WZ79](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 357 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-DNASE2B Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human
Muscle