antibodies -online.com







anti-DNASE2B antibody (N-Term)



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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 SGETGLEYLY 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

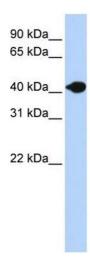
Target Details

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