

Product datasheet for **TA329461**

DNASE2B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DNASE2B antibody: synthetic peptide directed towards the middle region of human DNASE2B. Synthetic peptide located within the following region: QKGTKNRWTCIGDLNRSPhQAFRSGGFICTQNWQIQAFQGLVLYYESCK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18 kDa
Gene Name:	deoxyribonuclease II beta
Database Link:	NP_067056 Entrez Gene 58511 Human Q8WZ79



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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.

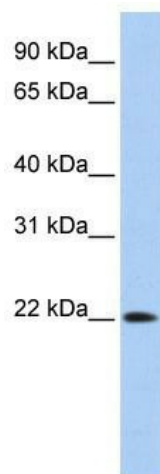
Synonyms: DLAD

Note: Immunogen sequence homology: Pig: 100%; Rat: 100%; Human: 100%; Guinea pig: 100%; Dog: 93%; Horse: 93%; Bovine: 86%; Mouse: 85%

Protein Families: Transmembrane

Protein Pathways: Lysosome

Product images:



WB Suggested Anti-DNASE2B Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive
Control: 293T cell lysate