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Rabbit Anti-DNASE1L1 antibody

SL12995R

Product Name:	DNASE1L1
Chinese Name:	DNA酶1样蛋白1抗体
Alias:	Deoxyribonuclease I-like 1; Deoxyribonuclease I like 1; Deoxyribonuclease-1-like 1; DNAS1L1; DNase I like 1; DNase I like muscle specific; DNase I lysosomal like; DNase I-like 1; DNase X; DNASE1L1; DNASEX; DNL1L; DNSL1_HUMAN; Muscle specific DNase I like; DNASEX; Muscle-specific DNase I-like; XIB.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	32kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DNASE1L1:201-302/302
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DNASE1L1 is a 302 amino acid protein that localizes to the endoplasmic reticulum and belongs to the deoxyribonuclease family. Expressed at high levels in cardiac and skeletal muscle and at lower levels in a variety of tissues throughout the body, DNASE1L1 exists as multiple alternatively spliced isoforms and is thought to function

	in a similar manner to DNase l, possibly mediating internucleosomal DNA degradation via catalytic cleavage events. The gene encoding DNASE1L1 maps to human chromosome X, which contains nearly 153 million base pairs and houses over 1,000 genes. In conjunction with chromosome Y, chromosome X is responsible for sex determination. There are a number of conditions related to an abnormal number and combination of sex chromosomes, some of which include Turner's syndrome, color blindness, hemophilia and Duchenne muscular dystrophy. **Subcellular Location:** Endoplasmic reticulum. **Tissue Specificity:** Highest levels in skeletal and cardiac muscles. Detectable in all other tissues tested except brain. **Similarity:** Belongs to the DNase I family. **SWISS:** P49184 **Gene ID:** 1774 **Database links:** Entrez Gene: 1774Human Omim: 300081Human SwissProt: P49184Human Unigene: 401929Human Unigene: 534404Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.