SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DNASE1L2 antibody

Catalog Number: SL14395R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DNASE1L2
Immunogen:	KLH conjugated synthetic peptide derived from human DNASE1L2: 201-299/299
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Pig,Cow,Horse,Rabbit,Sheep)
Predicted MW.:	31kDa
Subcellular Location:	cytoplasmic
Background:	DNASE1L2 is a 299 amino acid secreted protein that is expressed in brain tissue and shares sequence similarity with DNase I, suggesting a possibly role in DNA hydrolysis. The gene encoding DNASE1L2 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition. **Subcellular Location:** Secreted. **Tissue Specificity:** Brain. **Similarity:** Belongs to the DNase I family.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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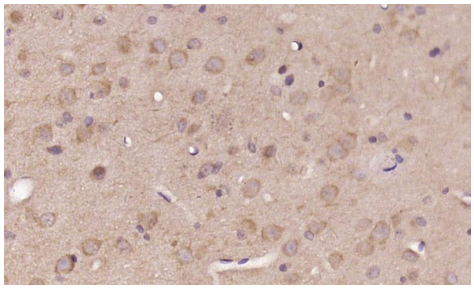
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	Database links: **Entrez Gene:** 1775 Human Omim: 602622 Human **SwissProt:** Q92874 Human **Unigene:** 103503 Human

[VALIDATION IMAGES]



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DNASE1L2) Polyclonal Antibody, Unconjugated (SL14395R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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