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Datasheet for ABIN6943060

anti-DNASE1L2 antibody (AA 201-299) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	DNASE1L2
Binding Specificity:	AA 201-299
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNASE1L2 antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DNASE1L2
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human, Mouse, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	DNASE1L2
Alternative Name:	DNASE1L2 (DNASE1L2 Products)

Target Details

Background:	<p>Synonyms: Deoxyribonuclease I-like 2, Deoxyribonuclease-1-like 2, DNase I homolog protein DHP1, DNase I-like 2, Dnase1l2, DNSL2_HUMAN.</p> <p>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.</p>
Gene ID:	1775
UniProt:	Q92874

Application Details

Application Notes:	<p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months