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Datasheet for ABIN6943065

anti-DNASE1L2 antibody (AA 201-299) (AbBy Fluor® 750)

Overview

Quantity:	100 µL
Target:	DNASE1L2
Binding Specificity:	AA 201-299
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNASE1L2 antibody is conjugated to AbBy Fluor® 750
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: Synonyms: Deoxyribonuclease I-like 2, Deoxyribonuclease-1-like 2, DNase I homolog protein DHP1, DNase I-like 2, Dnase1l2, DNSL2_HUMAN.

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.

Gene ID: 1775

UniProt: [Q92874](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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