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Datasheet for ABIN7152299

anti-DIS3 antibody (AA 30-187) (FITC)

Overview

Quantity:	100 µg
Target:	DIS3
Binding Specificity:	AA 30-187
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIS3 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Exosome complex exonuclease RRP44 protein (30-187AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DIS3
Alternative Name:	DIS3 (DIS3 Products)
Background:	Background: Putative catalytic component of the RNA exosome complex which has 3'→5' exoribonuclease activity and participates in a multitude of cellular RNA processing and

Target Details

degradation events. In the nucleus, the RNA exosome complex is involved in proper maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the elimination of RNA processing by-products and non-coding '\pervasive\' transcripts, such as antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing defects, thereby limiting or excluding their export to the cytoplasm. The RNA exosome may be involved in Ig class switch recombination (CSR) and/or Ig variable region somatic hypermutation (SHM) by targeting AICDA deamination activity to transcribed dsDNA substrates. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3\' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. DIS3 has both 3\'-5\' exonuclease and endonuclease activities.

Aliases: 2810028N01Rik antibody, bA555G22 antibody, Dis3 antibody, DIS3 homolog, exosome endoribonuclease and 3\'-5\' exoribonuclease antibody, DIS3 mitotic control homolog (S. cerevisiae) antibody, DIS3 mitotic control homolog antibody, DIS3 mitotic control, S. cerevisiae, homolog of antibody, dis3p antibody, EXOSC11 antibody, Exosome complex exonuclease RRP44 antibody, exosome component 11 antibody, KIAA1008 antibody, Mitotic control protein dis3 homolog antibody, Protein DIS3 homolog antibody, Ribosomal RNA processing protein 44 antibody, Ribosomal RNA processing protein 44, S. cerevisiae, homolog of antibody, Ribosomal RNA-processing protein 44 antibody, RP11-342J4.3 antibody, RRP44 antibody, RRP44_HUMAN antibody

UniProt: [Q9Y2L1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.