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Datasheet for ABIN6991861 **anti-DIS3 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	DIS3
Binding Specificity:	AA 90-140, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIS3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	DIS3 antibody was raised against an 18 amino acid peptide near the amino terminus of human DIS3. The immunogen is located within amino acids 90 - 140 of DIS3.
Isotype:	IgG
Specificity:	Multiple isoforms of DIS3 are known to exist.
Purification:	DIS3 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DIS3
Alternative Name:	DIS3 (DIS3 Products)

Target Details

Background:	DIS3 Antibody: The exosome is involved in a multitude of cellular RNA processing and degradation events. DIS3, also known as exosome complex exonuclease RRP44, is a ribonuclease that acts directly in the processing, turnover, and surveillance of a large number of distinct RNA species. DIS3 localizes to both the cytoplasm and the nucleus and contains one PINc domain. It is widely expressed with highest expression in testis and is required for processing of 7S pre-RNA into a mature nuclear complex and, ultimately, for proper mitotic progression. Abnormal expression levels of DIS3 may be associated with colon cancer, suggesting a role for DIS3 in tumorigenesis.
Molecular Weight:	Predicted: 105 kDa Observed: 103 kDa
Gene ID:	22894
NCBI Accession:	NP_055768
UniProt:	Q9Y2L1

Application Details

Application Notes:	DIS3 antibody can be used for detection of DIS3 by Western blot at 1 - 2 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DIS3 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	DIS3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.