

Datasheet for ABIN5689946
anti-DIS3L2 antibody (AA 720-770)



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Overview

Quantity:	0.1 mg
Target:	DIS3L2
Binding Specificity:	AA 720-770
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DIS3L2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	DIS3L2 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human DIS3L2. The immunogen is located within amino acids 720 - 770 of DIS3L2.
Isotype:	IgG
Specificity:	DIS3L2 antibody is human, mouse and rat reactive. At least three isoforms of DIS3L2 are known to exist, this antibody will only detect the longest isoform. DIS3L2 is predicted to not cross-react with DIS3 or DIS3L.
Purification:	DIS3L2 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	DIS3L2
Alternative Name:	DIS3L2 (DIS3L2 Products)
Background:	The exosome is involved in a multitude of cellular RNA processing and degradation events (1). 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 (2). DIS3L2 is a paralog of DIS3, but unlike DIS3 is located in the cytoplasm (3). DIS3L2 defines a novel eukaryotic RNA degradation pathway and preferentially targets uridylated RNA (4). DIS3L2 mutations have also been associated with sporadic Wilms tumors (3).
Molecular Weight:	Predicted: 97 kDa Observed: 94 kDa
Gene ID:	129563
NCBI Accession:	NP_689596
UniProt:	Q8IYB7
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	DIS3L2 antibody can be used for detection of DIS3L2 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	DIS3L2 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:	4 °C,-20 °C
Storage Comment:	DIS3L2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.