SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-DIS3L2/Cy3 Conjugated antibody

Catalog Number: SL9053R-Cy3

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-DIS3L2/Cy3
Immunogen:	KLH conjugated synthetic peptide derived from human DIS3L2
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	Flow-Cyt=2ug/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Pig,Cow,Sheep)
Background:	background: The exosome is a multisubunit complex composed of several highly conserved subunits, some of which are 3' to 5' exoribonucleases. The complex is involved in a variety of cellular processes and is responsible for degrading unstable mRNAs that contain AU-rich (ARE) elements in their untranslated 3' region. DIS3L2 (DIS3-like exonuclease 2) is an 885 amino acid protein that is thought to function as an exonuclease and may be required for the 3' processing of pre-mRNA into mature mRNA. Defects or chromosomal translocations involving the gene encoding DIS3L2 may be associated with Marfanoid habitus, a genetic disorder characterized by abnormalities in the skeleton, eyes and cardiovascular system. DIS3L2 is expressed as five isoforms due to alternative splicing events. **Function:** Ribonuclease that plays a critical role in RNA metabolism. It is essential for correct mitosis, and negatively regulates cell proliferation. **Subcellular Location:** Cytoplasm. DISEASE: Defects in DIS3L2 are the cause of Perlman syndrome (PRLMNS)

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

	[MIM:267000]. An autosomal recessive congenital overgrowth syndrome. Affected children are large at birth, are hypotonic, and show organomegaly, characteristic facial dysmorphisms (inverted V-shaped upper lip, prominent forehead, deep-set eyes, broad and flat nasal bridge, and low-set ears), renal anomalies (nephromegaly and hydronephrosis), frequent neurodevelopmental delay, and high neonatal mortality. Perlman syndrome is associated with a high risk of Wilms tumor. Histologic examination of the kidneys in affected children shows frequent nephroblastomatosis, which is a precursor lesion for Wilms tumor. **Similarity:** Belongs to the RNR ribonuclease family. **Database links:** **Entrez Gene:** 129563 Human **Entrez Gene:** 208718 Mouse **Entrez Gene:** 367307 Rat Omim: 614184 Human **SwissProt:** Q8IYB7 Human **SwissProt:** Q8CI75 Mouse **Unigene:** 732236 Human **Unigene:** 389152 Mouse **Unigene:** 2940 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.