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订购热线: 4008-898-798

Anti-DIS3 antibody

Cat. No.	ml163714
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-DIS3 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human DIS3
Reactivity	Human
Content	0.54 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DIS3
Full name	DIS3 homolog, exosome endoribonuclease and 3'-5' exoribonuclease
Synonyms	RRP44; dis3p; EXOSC11; KIAA1008; 2810028N01Rik
Swissprot	Q9Y2L1

Target Background

The exosome is a multi-protein 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 elements (AREs) in their untranslated 3' regions. DIS3, also known as RRP44, is a 958 amino acid protein that localizes to both the cytoplasm and the nucleus and contains one PINc domain. Widely expressed with highest expression in testis, DIS3 functions as a component of the exosome exoribonuclease complex 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. Multiple isoforms of DIS3 exist due to alternative splicing events.

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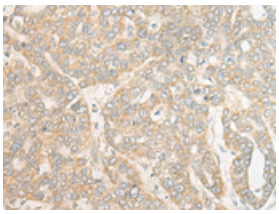
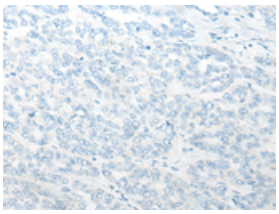
Applications

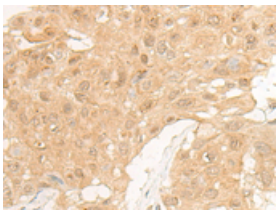
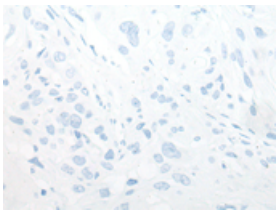
Immunohistochemistry

Predicted cell location: Cytoplasm or Nucleus
Positive control: Human liver cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml163714(DIS3 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm or Nucleus
Positive control: Human esophagus cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml163714(DIS3 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

联系电话：**4008-898-798，021-61725725**

联系**QQ**：**2881505695，2881505696**

邮箱：**mlbio_cn@yeah.net**

网址：**www.mlbio.cn**