DIS3 Antibody

Catalog No: #47056

Orders: order@signalwayantibody.com
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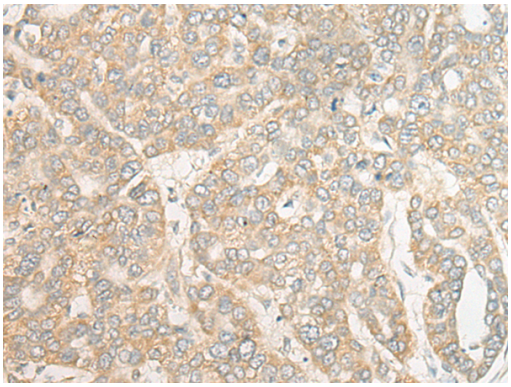
Description

Product Name	DIS3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DIS3 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DIS3
Target Name	DIS3
Other Names	RRP44; dis3p; EXOSC11; KIAA1008; 2810028N01Rik
Accession No.	Swiss-Prot#:Q9Y2L1 NCBI Gene ID:22894Gene Accssion:NP_055768
Uniprot	Q9Y2L1
GeneID	22894;
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20C

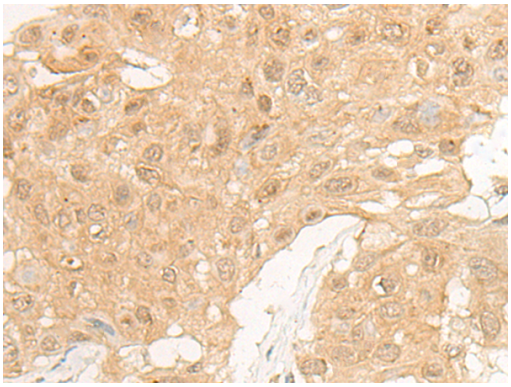
Application Details

Immunofluorescence:1: 25-100

Images



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47056(DIS3 Antibody) at dilution 1/20. (Original magnification: ?00)



The image is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 47056(DIS3 Antibody) at dilution 1/20. (Original magnification: ?00)

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.

Note: This product is for in vitro research use only