

DIS3L Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP59122

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8TF46
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	120787

Additional Information

Gene ID	115752
Other Names	DIS3-like exonuclease 1, 3.1.13.-, DIS3L, DIS3L1, KIAA1955
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DIS3L
Synonyms	DIS3L1, KIAA1955
Function	Catalytic component of the RNA exosome complex which has 3'→5' exoribonuclease activity and participates in a multitude of cellular RNA processing and degradation events (PubMed: 20531386 , PubMed: 20531389 , PubMed: 37602378). In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA (PubMed: 20531386 , PubMed: 20531389).
Cellular Location	Cytoplasm

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.