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DI3L1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5614a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q8TF46
Other Accession	A0JN80, NP_001137160.1
Reactivity	Human, Mouse
Predicted	Rat, Chicken, Bovine, Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27115
Calculated MW	120787
Antigen Region	195-224

Additional Information

Gene ID	115752
Other Names	DIS3-like exonuclease 1, 3113-, DIS3L, DIS3L1, KIAA1955
Target/Specificity	This DI3L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 195-224 amino acids from the N-terminal region of human DI3L1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	DI3L1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

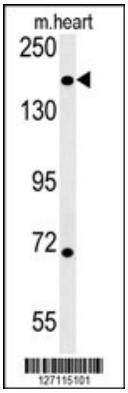
Background

DIS3L is a probable exonuclease. It has four isoforms.

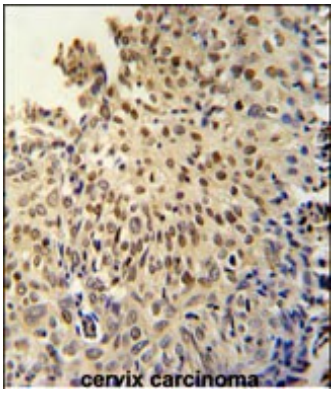
References

Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)

Images



DI3L1 Antibody (N-term) (Cat. #AP5614a) western blot analysis in mouse heart tissue lysates (15ug/lane).This demonstrates the DI3L1 antibody detected DI3L1 protein (arrow).



DI3L1 Antibody (N-term) (Cat. #AP5614a) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DI3L1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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