

# Product Datasheet

## DIS3L2 Antibody NBP1-84740

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-84740**

## DIS3L2 Antibody

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml   |
| Concentration           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality               | Polyclonal   |
| Preservative            | 0.02% Sodium Azide   |
| Isotype                 | IgG  |
| Purity                  | Immunogen affinity purified  |
| Buffer                  | PBS (pH 7.2) and 40% Glycerol  |
| Target Molecular Weight | 99 kDa   |

| Product Description |  |
|---------------------|--|
| Host                | Rabbit   |
| Gene ID             | 129563   |
| Gene Symbol         | DIS3L2   |
| Species             | Human  |
| Immunogen           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>SELF RKYALFSPSDHRVPRIYVPLKDCPQDFVARPKDYANTLFICRIVDWKEDC<br>NFALGQLAKSLGQAGEIEPETEGILTEYGVDFSDFS |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500                    |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. Western Blot reactivity reported in scientific literature (PMID: 23594738). |



## Publications

Duncan-Lewis C, Hartenian E, King V, Glaunsinger BA Cytoplasmic mRNA decay represses RNA polymerase II transcription during early apoptosis eLife 2021-06-04 [PMID: 34085923] (WB, Human)

Towler BP, Pashler AL, Haime HJ, et al. Dis3L2 regulates cell proliferation and tissue growth through a conserved mechanism PLoS genetics 2020-12-01 [PMID: 33370287]

Harenian E, Gilbertson S, Federspiel J et al. RNA decay during gammaherpesvirus infection reduces RNA polymerase II occupancy of host promoters but spares viral promoters PLoS Pathog 2020-02-07 [PMID: 32032393] (WB, WB, Mouse)

da Costa PJ, Menezes J, Saramago M Experimental supporting data on DIS3L2 over nonsense-mediated mRNA decay targets in human cells Data Brief 2020-02-01 [PMID: 31886366] (WB, KD, Human)

Zhang H, Xing S, Li Z et al. DIS3L2 promotes progression of hepatocellular carcinoma via hnRNP U-mediated alternative splicing Cancer Res. 2019-07-22 [PMID: 31331910] (IF/IHC, Human)

Liu X, Fu R, Pan Y et al. PNPT1 Release from Mitochondria during Apoptosis Triggers Decay of Poly(A) RNAs Cell 2018-05-10 [PMID: 29779946] (WB)

Chang HM, Triboulet R, Thornton JE, Gregory RI. A role for the Perlman syndrome exonuclease Dis3L2 in the Lin28-let-7 pathway. Nature 2013-05-09 [PMID: 23594738] (WB, Human)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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