

Product Datasheet

ER associated Degradation Antibody Pack NBP1-78944

Unit Size: 3 Vials

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-78944**ER associated Degradation Antibody Pack**

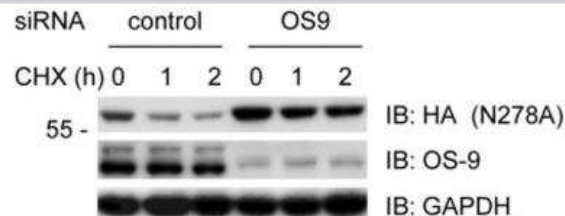
Product Information	
Unit Size	3 Vials
Concentration	Concentration of individual antibodies may be found on the vial label. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Buffer	See individual datasheets.

Product Description	
Description	This pack contains 1 vial each of: NB100-2526 (25 uL), NB100-448 (25 uL) and NB100-519 (25 uL).
Species	Human, Mouse
Reactivity Notes	Human and mouse, however additional species may be possible for individual products.
Specificity/Sensitivity	This ER Associated Degradation Antibodies Sample Pack includes antibodies to Derlin1, OS9 and HRD1.
Immunogen	See individual datasheets.
Kit Components	NB100-519: OS9 Antibody, NB100-448: Derlin 1 Antibody, NB100-2526: HRD1 Antibody - BSA Free

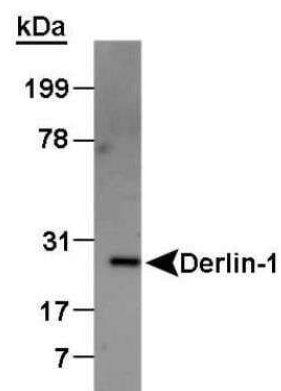
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot, Immunohistochemistry, Knockdown Validated
Application Notes	Mainly Western blot, however additional applications may be possible for individual products. See individual datasheets for validated applications.

Images

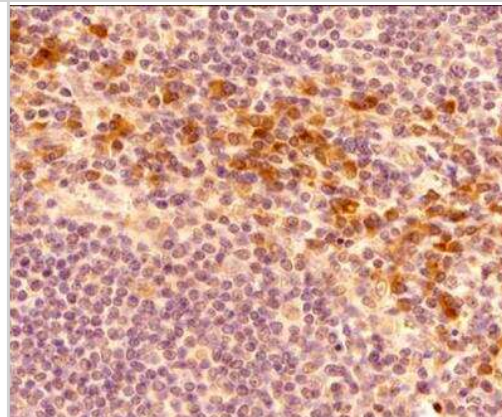
Knockdown Validated: ER associated Degradation Antibody Pack [NBP1-78944] - Contribution and interaction of OS-9 for degradation of SHH proteins. Cells stably expressing the N278A-HA precursor were depleted of OS-9 by siRNA, and the fate of N278A was followed after cycloheximide (CHX) addition. All samples were analyzed by SDS-PAGE and immunoblotting with HA antibodies. Controls were treated with a commercial negative control siRNA. The samples were also immunoblotted for OS-9 to show the extent of depletion. Immunoblotting with GAPDH antibodies served as loading control. Image collected and cropped by CiteAb from the following publication ([//doi.org/10.1371/journal.pone.0092164](https://doi.org/10.1371/journal.pone.0092164)) licensed under a CC-BY license.



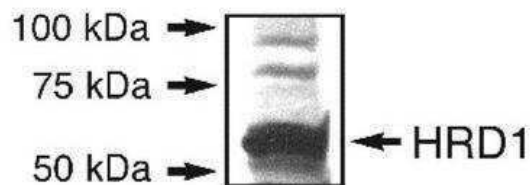
Western Blot: ER associated Degradation Antibody Pack [NBP1-78944] - Detection of Derlin protein in canine KRM microsomes using NB100-448



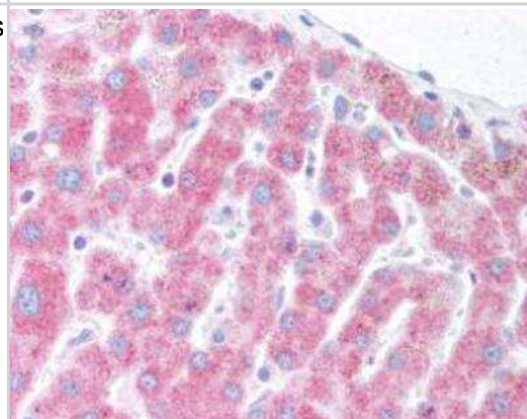
Immunohistochemistry: ER associated Degradation Antibody Pack [NBP1-78944] - FFPE tissue section of human tonsil using rabbit polyclonal HRD1 antibody (NB100-2526) at 2 ug/mL concentration (1:500 dilution). The primary antibody binding to SYVN1/HRD1 antigen in cells was detected using HRP conjugated anti-Rabbit secondary antibody with DAB reagent, and the sections were further counterstained with hematoxylin for labeling cellular nuclei. This HRD1 antibody generated an expected cytoplasmic staining of HRD1 with stronger signal around periphery of the nucleus signifying the staining of the endoplasmic reticulum.



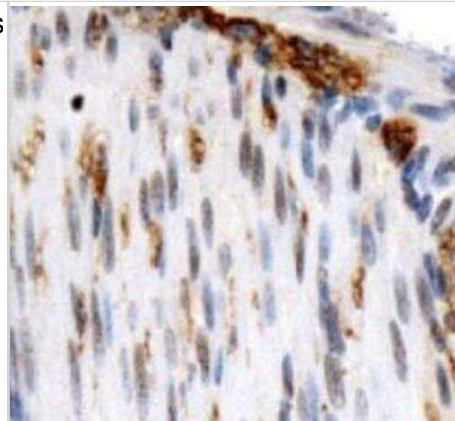
Western Blot: ER Associated Degradation Antibody Pack 3vials [NBP1-78944] - Western blot detection of HRD1 in an endogenous 293T cell lysate using NB100-2525.



Immunohistochemistry: ER Associated Degradation Antibody Pack 3vials [NBP1-78944] - IHC staining of Derlin 1 in human liver using NB100-448.



Immunohistochemistry: ER Associated Degradation Antibody Pack 3vials [NBP1-78944] - Staining of OS9 in mouse smooth muscle using NB100-519.





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Limitations

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

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