

# Product Datasheet

## STRIP1 Antibody (OTI7B8)

### NBP2-45715

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-45715**

STRIP1 Antibody (OTI7B8)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI7B8
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	95.4 kDa

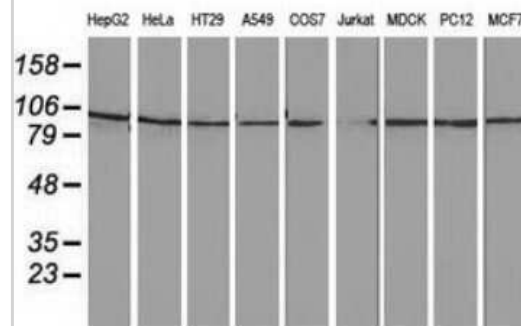
Product Description	
Description	Novus Biologicals Mouse STRIP1 Antibody (OTI7B8) (NBP2-45715) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-STRIP1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	85369
Gene Symbol	STRIP1
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human FAM40A (NP_149079) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin

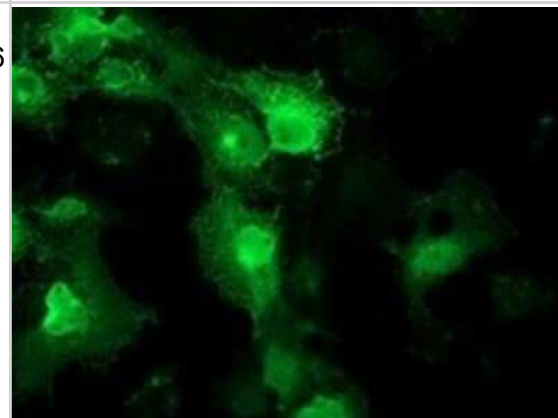


## Images

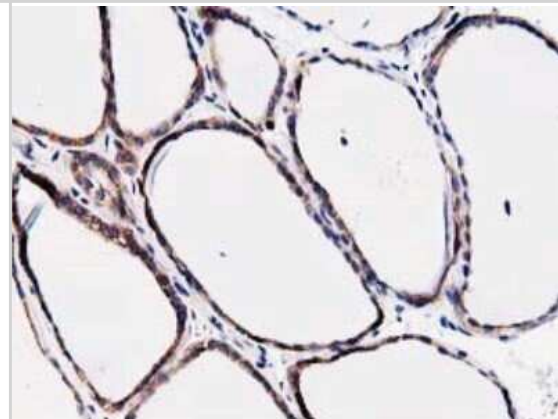
Western Blot: STRIP1 Antibody (OT17B8) [NBP2-45715] - Analysis of extracts (35ug) from 9 different cell lines.



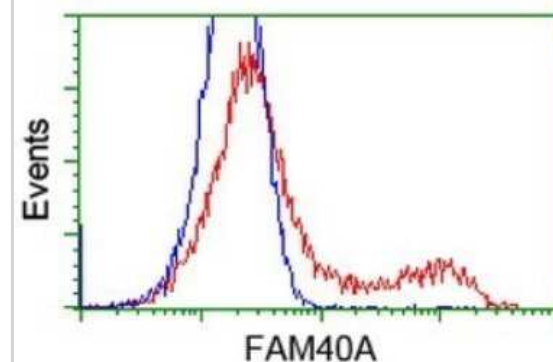
Immunocytochemistry/Immunofluorescence: STRIP1 Antibody (OT17B8) [NBP2-45715] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY STRIP1.



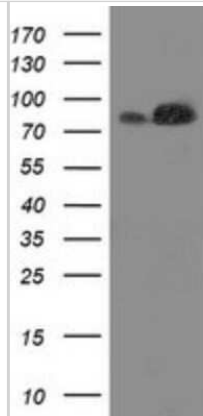
Immunohistochemistry: STRIP1 Antibody (OT17B8) [NBP2-45715] - Analysis of Human thyroid tissue.



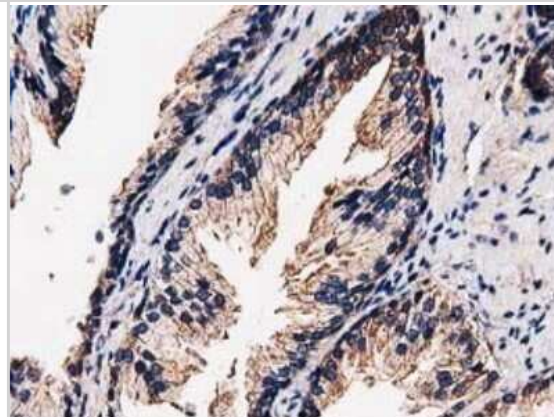
Flow Cytometry: STRIP1 Antibody (OT17B8) [NBP2-45715] - Analysis of HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by FAM40A antibody.



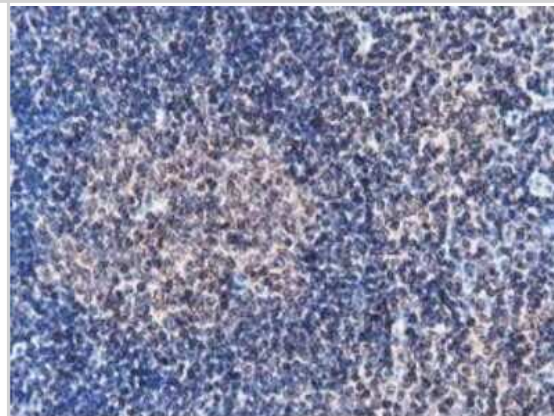
Western Blot: STRIP1 Antibody (OTI7B8) [NBP2-45715] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY STRIP1.



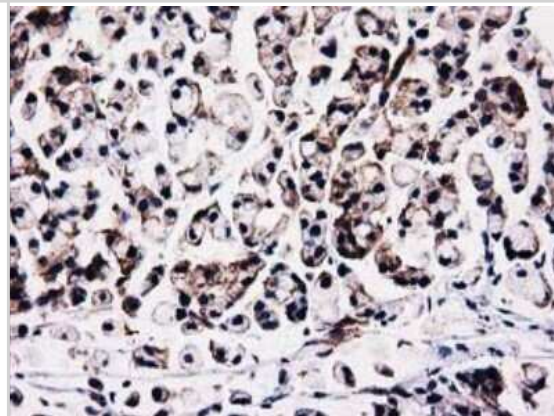
Immunohistochemistry: STRIP1 Antibody (OTI7B8) [NBP2-45715] - Analysis of Human prostate tissue.



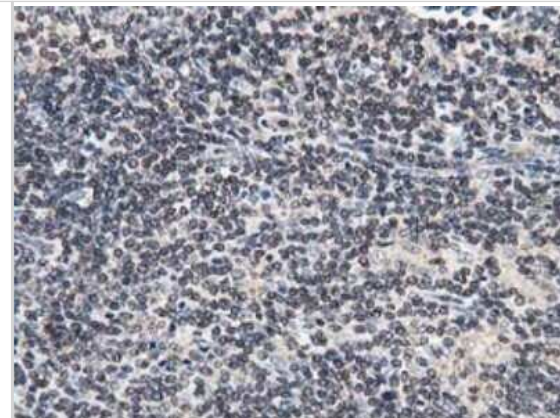
Immunohistochemistry: STRIP1 Antibody (OTI7B8) [NBP2-45715] - Analysis of Human lymph node tissue.



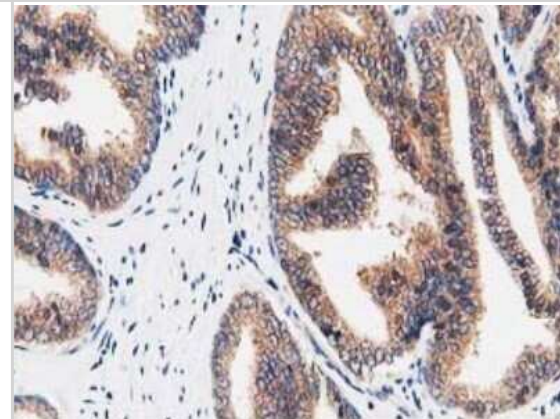
Immunohistochemistry: STRIP1 Antibody (OTI7B8) [NBP2-45715] - Analysis of Adenocarcinoma of Human colon tissue.



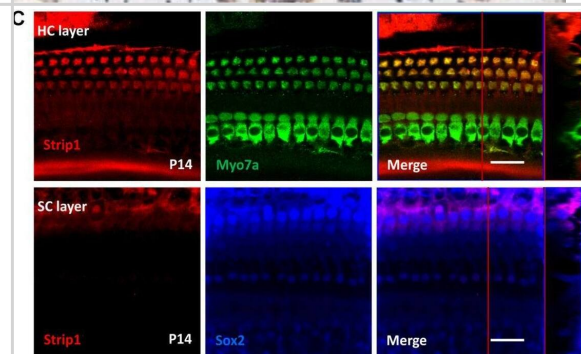
Immunohistochemistry: STRIP1 Antibody (OT17B8) [NBP2-45715] - Analysis of Human lymphoma tissue.



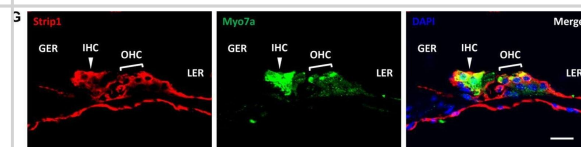
Immunohistochemistry: STRIP1 Antibody (OT17B8) [NBP2-45715] - Analysis of Carcinoma of Human prostate tissue.



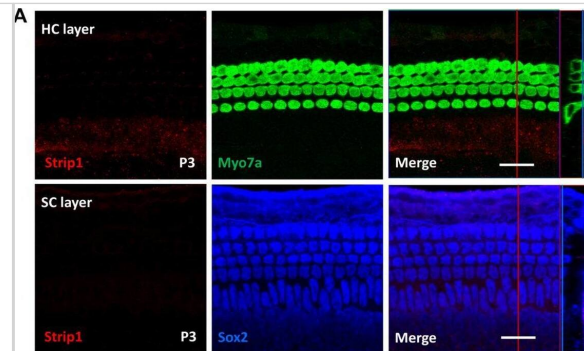
Immunofluorescent staining of Strip1 in the mouse cochlea at different ages. (A–F) The Strip1 antibody was used to stain Strip1 in mouse cochleae at P3 (A), P7 (B), P14 (C), P21 (D), P30 (E), and P60 (F). Because nucleus of SCs staining by Sox2 antibody are not always in the same layer, Z projection was performed with the ImageJ software in order to capture all the SCs in the images. (G) The immunofluorescent staining of P30 cochlear cryosections also showed the same expression pattern of Strip1. Myo7a and Sox2 were used as HC and SC markers, respectively. Scale bar, 20  $\mu$ m. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/33889175>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Immunofluorescent staining of Strip1 in the mouse cochlea at different ages. (A–F) The Strip1 antibody was used to stain Strip1 in mouse cochleae at P3 (A), P7 (B), P14 (C), P21 (D), P30 (E), and P60 (F). Because nucleus of SCs staining by Sox2 antibody are not always in the same layer, Z projection was performed with the ImageJ software in order to capture all the SCs in the images. (G) The immunofluorescent staining of P30 cochlear cryosections also showed the same expression pattern of Strip1. Myo7a and Sox2 were used as HC and SC markers, respectively. Scale bar, 20  $\mu$ m. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/33889175>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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## Publications

Matthias Eden, Marius Leye, Justus Hahn, Emanuel Heilein, Marcin Luzarowski, Bill Völschow, Christin Tannert, Samuel Sossalla, Carlota Lucena-Porcel, Derk Frank, Norbert Frey Mst4, a novel cardiac STRIPAK complex-associated kinase, regulates cardiomyocyte growth and survival and is upregulated in human cardiomyopathy *The Journal of Biological Chemistry* 2024-04-03 [PMID: 38579991]



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### **Products Related to NBP2-45715**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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