

Product Datasheet

Albumin Antibody - BSA Free NB600-41532

Unit Size: 1 ml

Store at 4C. Do not freeze.

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NB600-41532

Albumin Antibody - BSA Free

Product Information	
Unit Size	1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS

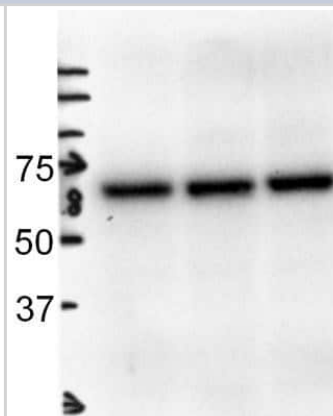
Product Description	
Host	Goat
Gene ID	213
Gene Symbol	ALB
Species	Mouse
Specificity/Sensitivity	By immunoelectrophoresis, the antiserum reacts specifically with mouse Albumin. No reactivity was detected against other mouse serum proteins.
Immunogen	Full length protein (Mouse)

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000 - 1:30000, ELISA 1:1000 - 1:30000, Immunohistochemistry 1:200 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin 1:200 - 1:2000, Immunohistochemistry-Frozen
Application Notes	Use in IHC-Fr reported in scientific literature (PMID: 33277474). In ELISA, for coating plates use antibody at 1:100 - 1:500. Albumin antibody validated for WB from a verified customer review.

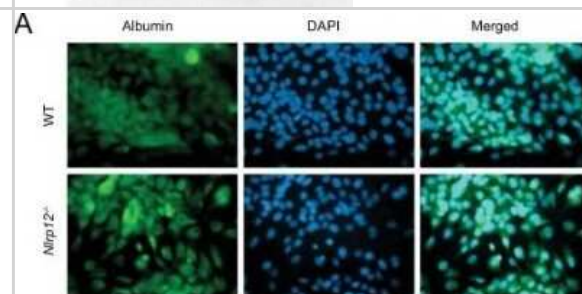


Images

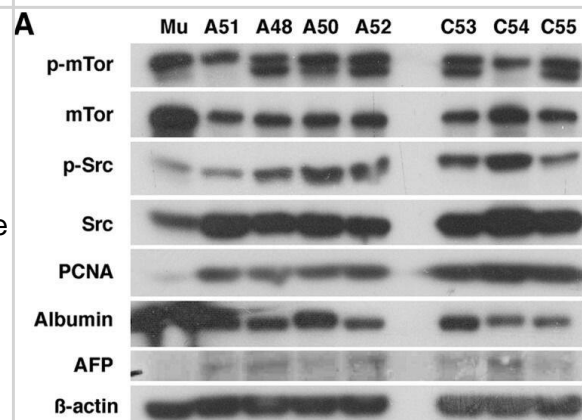
Western Blot: Albumin Antibody [NB600-41532] - Analysis using the HRP conjugate of NB600-41532. Detection of Albumin in whole mouse liver extracts. WB image submitted by a verified customer review.



Immunocytochemistry/Immunofluorescence: Albumin Antibody [NB600-41532] - NLRP12 downregulates multiple JNK activating pathways in hepatocytes. For checking the purity of primary hepatocytes, hepatocytes isolated from healthy WT and *Nlrp12*^{-/-} mouse livers were immunostained with antibody for hepatocyte-specific marker Albumin and counterstained with DAPI. Image collected and cropped by CiteAb from the following publication (<https://elifesciences.org/articles/40396>), licensed under a CC-BY license.



Western Blot: Albumin Antibody - BSA Free [NB600-41532] - Primary cell characterization. As per the materials & methods, tumors were isolated from mice & cultured. A, Primary murine hepatocytes were used as controls (Mu). Western blot revealed the primary cultures of APN KO A51, A48, A50 & A52 & WT C53, C54 & C55 cells to express p-mTOR, mTOR, p-Src, Src, PCNA, albumin & AFP. B, Immunofluorescence for K8 & pan-cytokeratin (PK) confirmed that A52 cells were epithelial (Scale bar 20 μ M). C, Table showing in vitro & in vivo growth characteristics of WT & APN KO primary cultures. Scale of growth (+ to +++++). Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/30794695>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Yuek Ling Chai, Lea Strohm, Yanan Zhu, Rachel S.L. Chia, Joyce Ruifen Chong, Danesha Devini Suresh, Li Han Zhou, Heng Phon Too, Saima Hilal, Tomas Radivoyevitch, Edward H. Koo, Christopher P. Chen, Gunnar Heiko Dirk Poplawski Extracellular Vesicle-Enriched miRNA-Biomarkers Show Improved Utility for Detecting Alzheimer's Disease Dementia and Medial Temporal Atrophy *Journal of Alzheimer's Disease* 2024-05-21 [PMID: 38788066]

Lama A, Pirozzi C, Severi I et al. Palmitoylethanolamide dampens neuroinflammation and anxiety-like behavior in obese mice *Brain, behavior, and immunity* 2022-02-14 [PMID: 35176443] (IF/IHC, Mouse)

Ezquer F, Bahamonde J, et al. Administration of multipotent mesenchymal stromal cells restores liver regeneration and improves liver function in obese mice with hepatic steatosis after partial hepatectomy. *Stem Cell Res Ther* 2017-01-28 [PMID: 28129776] (ICC/IF, Mouse)

Details:

Citation using the HRP format of this antibody.

Simoes S, Neufeld J. L, et al. Tau and other proteins found in Alzheimer's disease spinal fluid are linked to retromer-mediated endosomal traffic in mice and humans. *Sci Transl Med* 2020-11-25 [PMID: 33239387] (WB, Mouse)

Udden, S N, Kwak, Y T Et al. NLRP12 suppresses hepatocellular carcinoma via downregulation of cJun N-terminal kinase activation in the hepatocyte. *Elife* 2019-04-16 [PMID: 30990169] (WB, Human)

O Shea TM, Wollenberg AL, Kim JH et al. Foreign body responses in mouse central nervous system mimic natural wound responses and alter biomaterial functions *Nature communications* 2020-12-04 [PMID: 33277474] (IHC-Fr, Mouse)

Ikeda A, Yamamoto T, Mineshiba J, Takashiba S Follistatin expressed in mechanically-damaged salivary glands of male mice induces proliferation of CD49f+ cells *Sci Rep* 2020-11-17 [PMID: 33203957] (ICC/IF, Mouse)

Details:

Immunocytochemistry performed on mouse salivary glands that were either positive or negative for CD49f.

Yang AC, Stevens MY, Chen MB et al. Physiological blood-brain transport is impaired with age by a shift in transcytosis *Nature* 2020-07-01 [PMID: 32612231] (IF/IHC, Mouse)

Janardhan KS, Jensen H, Clayton NP, Herbert RA Immunohistochemistry in Investigative and Toxicologic Pathology *Toxicol Pathol.* 2018-07-01 [PMID: 29966501] (IF/IHC, Mouse)

Details:

Citation used the HRP format of this antibody.

Walker S, Wankell M, Ho V et al. Targeting mTOR and Src restricts hepatocellular carcinoma growth in a novel murine liver cancer model *PLoS ONE* 2019-02-22 [PMID: 30794695] (WB, Mouse)

knittelfelder O, Traikov S, VvedenskaYa O et al. Shotgun Lipidomics Combined with Laser Capture Microdissection: A Tool To Analyze Histological Zones in Cryosections of Tissues. *Anal. Chem.* 2018-07-30 [PMID: 30004672] (WB, Mouse)

Stradiot L, Verhulst S, Roosens T et al. Functionality based method for simultaneous isolation of rodent hepatic sinusoidal cells. *Biomaterials.* 2017-09-01 [PMID: 28595132]

More publications at <http://www.novusbio.com/NB600-41532>





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Products Related to NB600-41532

NBL1-07449	Human Serum Albumin Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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