

Product Datasheet

Alix Antibody - BSA Free NBP1-90201

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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NBP1-90201

Alix Antibody - BSA Free

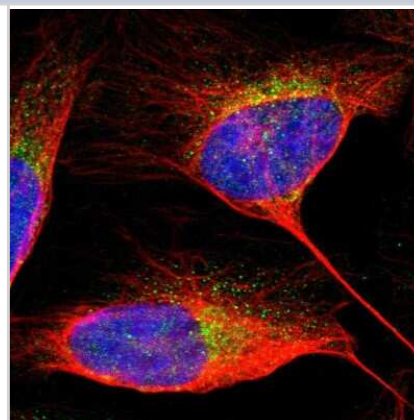
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	10015
Gene Symbol	PDCD6IP
Species	Human
Marker	Exosome Marker
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: VPVSVQQSLAAYNQRKADLVNRSIAQMREATTLANGVLASLNLPAAIEDVSGDT VPQSILTKSRVIEQGGIQTVDQLIKELPELLQRNREILDESRLLLDEEEATDND

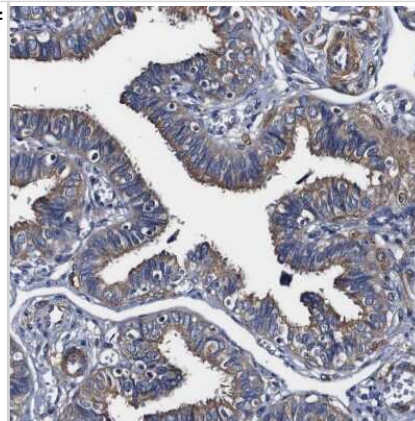
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. See Simple Western Antibody Database for Simple Western validation: Tested in Typical EV marker, antibody dilution of 1:50

Images

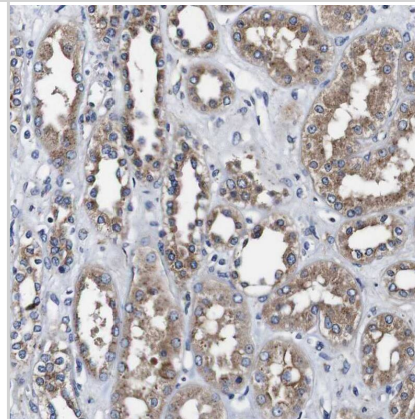
Immunocytochemistry/Immunofluorescence: Alix Antibody [NBP1-90201] - Staining of human cell line U-2 OS shows localization to cytosol. Antibody staining is shown in green.



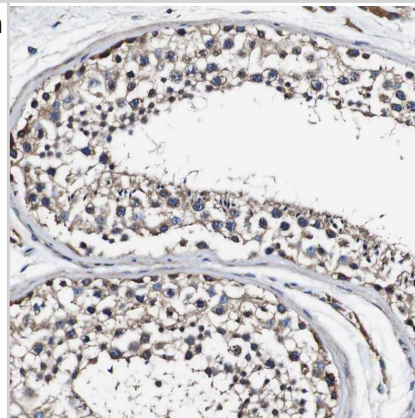
Immunohistochemistry-Paraffin: Alix Antibody [NBP1-90201] - Staining of human fallopian tube shows strong cytoplasmic positivity in glandular cells.



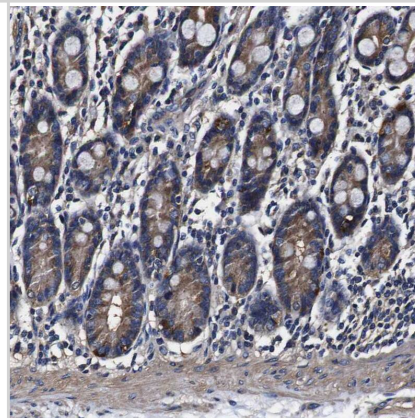
Staining of human kidney shows moderate cytoplasmic positivity in cells in tubules.



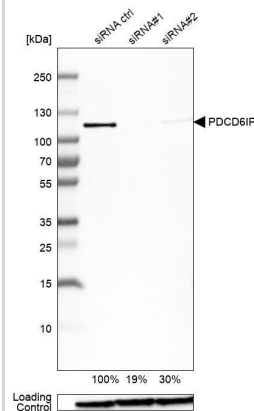
Staining of human testis shows moderate cytoplasmic positivity in cells in seminiferous ducts.



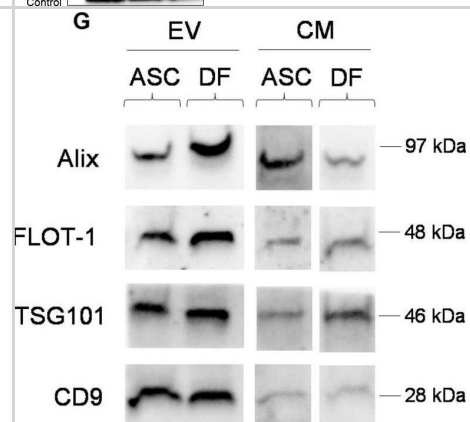
Staining of human duodenum shows moderate cytoplasmic positivity in glandular cells.



Analysis in U-138MG cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented.
Loading control: Anti-GAPDH.



(A–D) Representative NTA of EV and CM samples derived from ASCs and DFs. Each graph shows the size distribution of 3 consecutive 1 min runs for each sample. (E–F) Size distribution and vesicular yield deriving from 6 NTA measurements/group shown as mean \pm SD. (G) Western Blot of CM and EV samples from ASCs and DFs, showing the expression of the vesicular markers Alix, FLOT-1, TSG101 and CD9. In each lane, 10 μ g of CM or EV deriving from 1.5×10^6 cells were loaded. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/33928071>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Chen C, Zhou Y, Sheng L et al. Glycolytic Enzyme HK2 Phosphorylates nSMase1 to Promote Astrocytic Exosomes Biogenesis Contributing to Acute Ischemic Stroke Injury. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany) 2025-07-28 [PMID: 40720706]

Yao P, Nogueras-Ortiz C, Pucha K et al. ATP Synthase Abundance in Neuronal Extracellular Vesicles Reflects Changes in the Mitochondria of Parent Neurons *Journal of Extracellular Vesicles* 2025-08-06 [PMID: 40767334]

Krause, GJ;Kirchner, P;Stiller, B;Morozova, K;Diaz, A;Chen, KH;Krogan, NJ;Agullo-Pascual, E;Clement, CC;Lindenau, K;Swaney, DL;Dilipkumar, S;Bravo-Cordero, JJ;Santambrogio, L;Cuervo, AM; Molecular determinants of the crosstalk between endosomal microautophagy and chaperone-mediated autophagy *Cell reports* 2023-12-05 [PMID: 38060380]

Beckwith KS, Beckwith MS, Ullmann S et al. Plasma membrane damage causes NLRP3 activation and pyroptosis during *Mycobacterium tuberculosis* infection *Nat Commun* 2020-05-10 [PMID: 32385301]

Blommer J, Pitcher T, Mustapic M et al. Extracellular vesicle biomarkers for cognitive impairment in Parkinson's disease *Brain : a journal of neurology* 2022-07-14 [PMID: 35833836]

Busch DJ, Zhang y, Kumar A et al. Identification of RNA content of CHO-derived extracellular vesicles from a production process *Journal of biotechnology* 2022-03-12 [PMID: 35292346] (WB)

Aiello A, Giannesi F, Percario ZA et al. HIV-1 Nef Protein Affects Cytokine and Extracellular Vesicles Production in the GEN2.2 Plasmacytoid Dendritic Cell Line *Viruses* 2021-12-31 [PMID: 35062278] (WB, Human)

Nogueras-Ortiz, C J, Mahairaki, V Et al. Astrocyte- and Neuron-Derived Extracellular Vesicles from Alzheimer's Disease Patients Effect Complement-Mediated Neurotoxicity. *Cells* 2020-07-04 [PMID: 32635578] (WB, Human)

Yao PJ, Eren E, Goetzl EJ, Kapogiannis D Mitochondrial Electron Transport Chain Protein Abnormalities Detected in Plasma Extracellular Vesicles in Alzheimer's Disease *Biomedicines* 2021-10-31 [PMID: 34829816] (WB, Human)

Carlomagno C, Giannasi C, Niada S et al. Raman Fingerprint of Extracellular Vesicles and Conditioned Media for the Reproducibility Assessment of Cell-Free Therapeutics *Frontiers in Bioengineering and Biotechnology* 2021-04-13 [PMID: 33928071] (WB, Human)

Millan C, Prause L, Vallmajo-Martin Q et al. Extracellular Vesicles from 3D Engineered Microtissues Harbor Disease-Related Cargo Absent in EVs from 2D Cultures *Advanced healthcare materials* 2021-04-22 [PMID: 33890421]

Morris C, Durand S, Jalinot P Decreased expression of the translation factor eIF3e induces senescence in breast cancer cells via suppression of PARP1 and activation of mTORC1 *Oncotarget* 2021-03-30 [PMID: 33868586] (WB, Human)

More publications at <http://www.novusbio.com/NBP1-90201>



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Products Related to NBP1-90201

NBP1-90201PEP	Alix Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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