

Product Datasheet

Renin R Antibody - BSA Free NBP1-90820

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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Publications: 8

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NBP1-90820

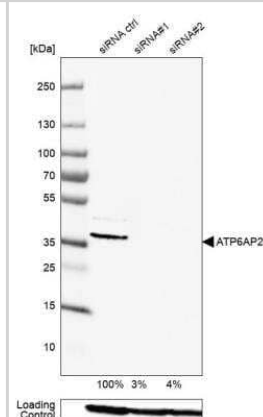
Renin R Antibody - BSA Free

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	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Description	Novus Biologicals Rabbit Renin R Antibody - BSA Free (NBP1-90820) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Renin R Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10159
Gene Symbol	ATP6AP2
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23469216). Rat reactivity reported in scientific literature (PMID: 25250989), Mouse reactivity reported in scientific literature (PMID:25046440).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NSLSRNNEVDLLFLSELQVLHDISSLLSRHKHLAKDHSPDLYSLELAGLDEIGKR YGEDSEQFRDASKILVDALQKFADDMYSLYGGNAVVELVTVKSFDTSLIRKTRTI LEAKQAKNPASPYNLAYKYNFEYSVVFN
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:20 - 1:50, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:20 - 1:50, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. WB, ICC/IF reported in scientific literature (PMID: 25143455).

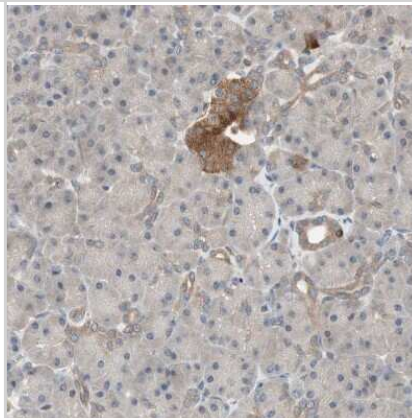


Images

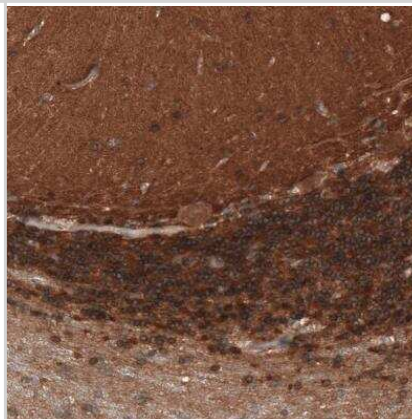
Western Blot: Renin R Antibody [NBP1-90820] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-PPIB.



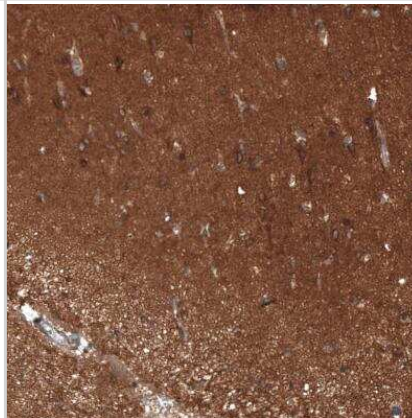
Immunohistochemistry-Paraffin: Renin R Antibody [NBP1-90820] - Staining of human pancreas shows moderate cytoplasmic positivity in islets of Langerhans.



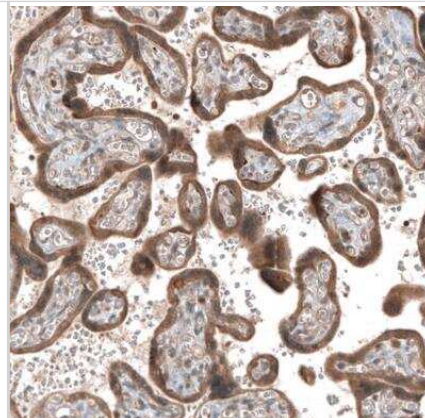
Immunohistochemistry-Paraffin: Renin R Antibody [NBP1-90820] - Staining of human cerebellum shows moderate cytoplasmic/membranous positivity in cells in granular layer



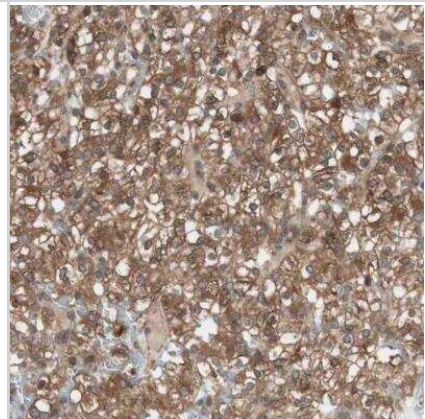
Immunohistochemistry-Paraffin: Renin R Antibody [NBP1-90820] - Staining of human cerebral cortex shows moderate cytoplasmic/membranous positivity in neurons and moderately stained neuropil.



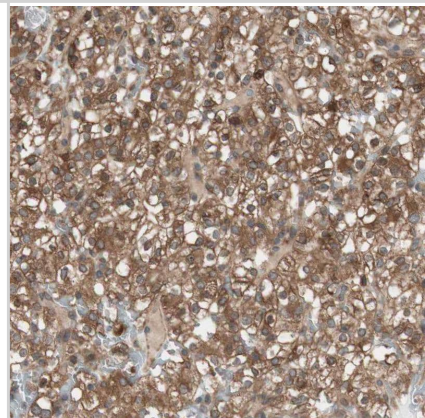
Immunohistochemistry-Paraffin: Renin R Antibody [NBP1-90820] - Staining of human placenta shows moderate cytoplasmic/ membranous positivity in trophoblastic cells.



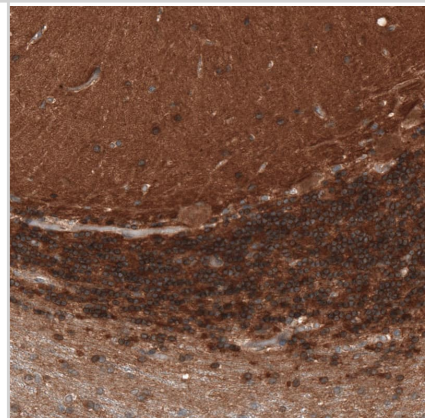
Immunohistochemistry-Paraffin: Renin R Antibody [NBP1-90820] - Staining of human renal cancer shows moderate membranous positivity in tumor cells.



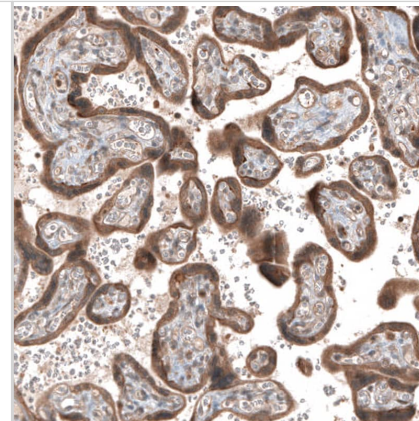
Staining of human renal cancer shows moderate membranous positivity in tumor cells.



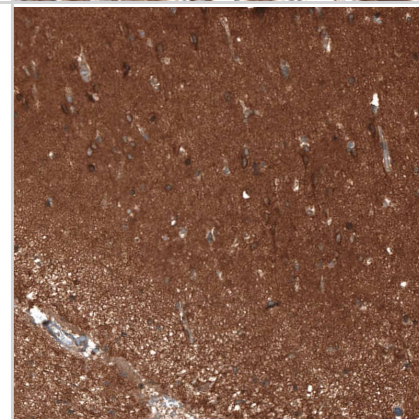
Staining of human cerebellum shows moderate cytoplasmic/ membranous positivity in cells in granular layer.



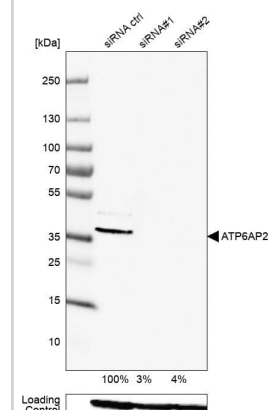
Staining of human placenta shows moderate cytoplasmic/ membranous positivity in trophoblastic cells.



Staining of human cerebral cortex shows moderate cytoplasmic/ membranous positivity in neurons and moderately stained neuropil.



Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1 and #2. Remaining relative intensity is presented. Loading control: Anti-PPIB.



Publications

Senturk M, Lin G, et al. Ubiquilins regulate autophagic flux through mTOR signalling and lysosomal acidification. *Nat Cell Biol* 2019-03-01 [PMID: 30804504] (WB, Human)

Gonzalez AA, Womack JP, Liu L et al. Angiotensin II increases the expression of (pro)renin receptor during low salt conditions in rat renal inner medullary collecting ducts. *Am J Med Sci* 2014-11-01 [PMID: 25250989] (ICC/IF, WB, Rat)

Gonzalez AA, Green T, Luffman C et al. Renal medullary cyclooxygenase-2 and (pro)renin receptor expression during angiotensin II-dependent hypertension. *Am J Physiol Renal Physiol* 2014-10-15 [PMID: 25143455] (ICC/IF, WB, Rat)

Alva Rosendahl, Gianina Niemann, Sascha Lange et al. Increased expression of (pro)renin receptor does not cause hypertension or cardiac and renal fibrosis in mice. *Laboratory Investigation* 2014-08-01 [PMID: 25046440] (WB, Mouse)

KIRSCH S, SCHREZENMEIER E, KLARE S et al. The (pro)renin receptor mediates constitutive PLZF-independent pro-proliferative effects which are inhibited by bafilomycin but not genistein. *Int J Mol Med* 2014-04-01 [PMID: 24424509]

Zaade D, Schmitz J, Benke E et al. Distinct Signal Transduction Pathways Downstream of the (P)RR Revealed by Microarray and Chromatin Immunoprecipitation-Chromatin Immunoprecipitation Analyses. *PLoS One* 2013-01-01 [PMID: 23469216]

Gonzalez AA, Lara LS, Luffman C et al. Soluble form of the (pro)renin receptor is augmented in the collecting duct and urine of chronic angiotensin II-dependent hypertensive rats. *Hypertension* 2011-04-01 [PMID: 21321306]

Prieto MC, Williams DE, Liu L et al. Enhancement of renin and prorenin receptor in collecting duct of Cyp1a1-Ren2 rats may contribute to development and progression of malignant hypertension. *Am J Physiol Renal Physiol* 2011-02-01 [PMID: 21068087]





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Products Related to NBP1-90820

NBP1-90820PEP	Renin R 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

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