For Research Use Only

Renin Polyclonal antibody

Catalog Number:29330-1-AP

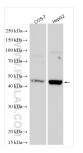


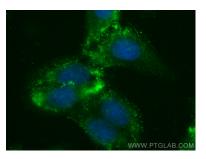
into the cisterns of the endoplasmic reticulum. Renin is mainly produced and released into circulation b called juxtaglomerular epithelioid cells, located in the walls of renal afferent arterioles at the entrance	Basic Information	Catalog Number: 29330-1-AP	GenBank Accession Number: BC047752	Purification Method: Antigen affinity purification
Source: P00797 Rabbit Full Name: Isotype: renin IgG Calculated MW: Immunogen Catalog Number: 45 kDa AG31071 Observed MW: 45 kDa Species Specificity: human, monkey IF/ICC, EUISA Species Specificity: IF/ICC : HepG2 cells Into the cisterns of the endoplasmic reticulum. Renin is an aspartic protease that consists of 2 homologous lobes, produced as pre-prorenin protein and into the cisterns of the endoplasmic reticulum. Renin is mainly produced and released into circulation br called juxtagiomerular expithelioid cells, located in the walls of renal afferent arteriotes at the entrance glomerular expithelioid de 25, 5949).REN has 2 isoforms produced by alternative splicing wit molecular weight of 45-47kDa. Storage Storage: Storage Differ: P85 with 0.02% sodium azide and 50% glycerol pH 7.3.		150ul , Concentration: 500 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG Immunogen Catalog Number:	5972 UNIPROT ID: P00797	WB 1:500-1:1000
Applications Tested Applications: Positive Controls: WB, IF/ICC, ELISA WB: COS-7 cells, HepG2 cells Species Specificity: IF/ICC : HepG2 cells, HepG2 cells human, monkey IF/ICC : HepG2 cells, ICC : If/ICC : HepG2 cells, ICC : If/ICC : HepG2 cells, ICC : If/ICC : If				
Ag31071 AG31071 Observed MW: 45 kDa Background Information Renin is an aspartic protease that consists of 2 homologous lobes, produced as pre-prorenin protein and into the cisterns of the endoplasmic reticulum. Renin is mainly produced and released into circulation bo called juxtaglomerular epithelioid cells, located in the walls of renal afferent arterioles at the entrance glomerular capillary network (PMID: 16525949).REN has 2 isoforms produced by alternative splicing wit molecular weight of 45-47kDa. Storage: Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.				
AG31071 Observed MW: 45 kDa Applications Tested Applications: WB, IF/ICC, ELISA Positive Controls: WB: COS-7 cells, HepG2 cells Species Specificity: human, monkey IF/ICC: HepG2 cells, IF/ICC: HepG2 cells, Background Information Renin is an aspartic protease that consists of 2 homologous lobes, produced as pre-prorenin protein and into the cisterns of the endoplasmic reticulum. Renin is mainly produced and released into circulation b called juxtaglomerular epithelioid cells, located in the walls of renal afferent arterioles at the entrance glomerular capillary network (PMID: 16525949).REN has 2 isoforms produced by alternative splicing wit molecular weight of 45-47kDa. Storage Storage: Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.				
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Store at -20°C. Stable for one year after shipment. Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.	Background Information	Renin is an aspartic protease that consists of 2 homologous lobes, produced as pre-prorenin protein and transferred into the cisterns of the endoplasmic reticulum. Renin is mainly produced and released into circulation by the so- called juxtaglomerular epithelioid cells, located in the walls of renal afferent arterioles at the entrance of the glomerular capillary network (PMID: 16525949).REN has 2 isoforms produced by alternative splicing with a molecular weight of 45-47kDa.		
	Storage	Store at -20°C. Stable for one year after shipment.		
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*** 20ul sizes contain 0.1% BSA	*** 20ul sizes contain 0.1% BSA	Auquoting is unnecessary for -20 C	Storage	

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: ptglab.com

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Selected Validation Data





Various lysates were subjected to SDS PAGE followed by western blot with 29330-1-AP (Renin antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Renin antibody (29330-1-AP) at dilution of 1:200 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).