

For Research Use Only

REN Polyclonal antibody

Catalog Number: 29330-1-AP



Basic Information

Catalog Number:

29330-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31071

GenBank Accession Number:

BC047752

GeneID (NCBI):

5972

UNIPROT ID:

P00797

Full Name:

renin

Calculated MW:

45 kDa

Observed MW:

45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, monkey

Positive Controls:

WB : COS-7 cells, HepG2 cells

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

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.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

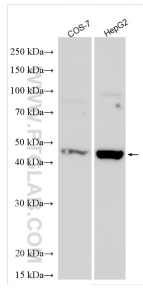
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 29330-1-AP (REN antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.