

For Research Use Only

RENBP Polyclonal antibody

Catalog Number: 31209-1-AP



Basic Information

Catalog Number:

31209-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35056

GenBank Accession Number:

BC015558

GeneID (NCBI):

5973

UNIPROT ID:

P51606

Full Name:

renin binding protein

Calculated MW:

49 kDa

Observed MW:

29 kDa, 45-49 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : U-937 cells,

Background Information

Renin binding protein (RENBP) was originally identified as a protein in the kidney that was capable of binding renin in renal homogenates giving rise to a complex designated high molecular weight renin (PMID: 12866502). Studies have shown that human RnBP is the enzyme N-acetyl-D-glucosamine (GlcNAc) 2-epimerase (PMID: 12866502). RENBP has 3 isoforms produced by alternative splicing and alternative initiation with molecular weights of 29, 48, and 49 kDa, respectively.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

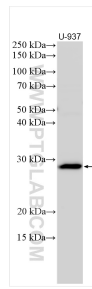
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



U-937 cells lysates were subjected to SDS PAGE followed by western blot with 31209-1-AP (RENBP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.