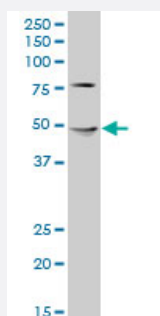


RENBP polyclonal antibody (A01)

Catalog # H00005973-A01

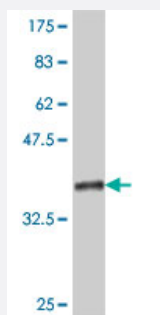
Size 50 uL

Applications



Western Blot (Cell lysate)

RENBP polyclonal antibody (A01), Lot # 051123JC01 Western Blot analysis of RENBP expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant RENBP.

Immunogen

RENBP (NP_002901, 301 a.a. ~ 400 a.a) partial recombinant protein with GST tag.

Sequence

FCPTQLEWAMKLWWPHSEAMIAFLMGYSDSGDPVLLRLFYQVAEYTRQFRDPEYGEWFGYLS
REGKVALSIKGGPFKGC FHVPRCLAMCEEMLGALLSR

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (89); Rat (87)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

RENBP polyclonal antibody (A01), Lot # 051123JC01 Western Blot analysis of RENBP expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — RENBP

Entrez GeneID

[5973](#)

GeneBank Accession#

[NM_002910](#)

Protein Accession#

[NP_002901](#)

Gene Name

RENBP

Gene Alias

RBP, RNBP

Gene Description

renin binding protein

Omim ID

[312420](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The gene product inhibits renin activity by forming a dimer with renin, a complex known as high molecular weight renin. The encoded protein contains a leucine zipper domain, which is essential for its dimerization with renin. The gene product can catalyze the interconversion of N-acetylglucosamine to N-acetylmannosamine, indicating that it is a GlcNAc 2-epimerase. Transcript variants utilizing alternative promoters have been described in the literature. [provided by RefSeq]

Other Designations

GlcNAc 2-epimerase|N-acetyl-D-glucosamine 2-epimerase|N-acylglucosamine 2-epimerase|OTT
HUMP00000025998|OTTHUMP00000196204|renin-binding protein

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Emergencies](#)
- [Hypertension](#)