

RUVBL2 Recombinant monoclonal antibody

Catalog Number: 87557-1-RR

Basic Information

Catalog Number:

87557-1-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0253

GenBank Accession Number:

BC000428

GeneID (NCBI):

10856

UNIPROT ID:

Q9Y230

Full Name:

RuvB-Like 2 (E. coli)

Calculated MW:

51 kDa

Observed MW:

51 kDa

Purification Method:

Protein A purification

CloneNo.:

252919G3

Recommended Dilutions:

WB: 1:5000-1:50000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : Daudi cells, HeLa cells, A549 cells, A431 cells, K-562 cells, NIH/3T3 cells, C2C12 cells

IF/ICC : NIH/3T3 cells,

Background Information

RUVBL2 belongs to the conserved ATPases associated with various cellular activities (AAA+) protein subfamily, which is characterized by the presence of conserved Walker A and B motifs that are involved in ATP binding and hydrolysis. The AAA+ (ATPases associated with diverse cellular activities) ATPases, RUVBL1 and RUVBL2, were originally isolated as components of transcriptional complexes and shown to function in a number of different cellular processes, including transcriptional regulation, chromatin remodelling and DNA damage responses. (PMID: 31572066, PMID: 31138842)

Storage

Storage:

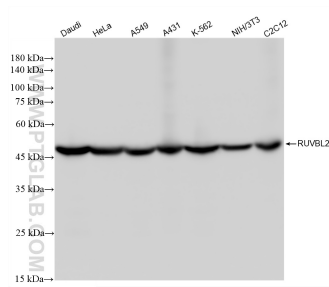
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

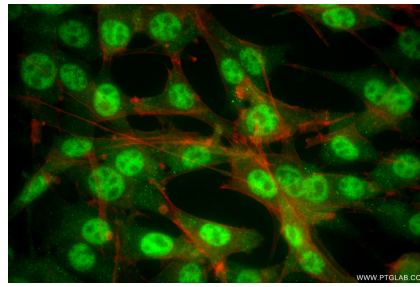
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87557-1-RR (RUVBL2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed NIH/3T3 cells using RUVBL2 antibody (87557-1-RR, Clone: 252919G3) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).