

RUVBL1 Monoclonal antibody

Catalog Number: 67750-1-Ig

Basic Information

Catalog Number:

67750-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG16688

GenBank Accession Number:

BC002993

GeneID (NCBI):

8607

UNIPROT ID:

Q9Y265

Full Name:

RuvB-like 1 (E. coli)

Calculated MW:

456 aa, 50 kDa

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

1F2D9

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, rat

Positive Controls:

WB : U2OS cells, HeLa cells, HT-1080 cells, HCT 116 cells, K-562 cells, A549 cells, A431 cells

Background Information

RUVBL1 is a member of the AAA (ATPase associated with diverse cellular activities) family of proteins that is associated with several chromatin-remodelling complexes and has important roles in transcriptional regulation, the DNA damage response, telomerase activity, snoRNP assembly, cellular transformation and cancer metastasis [PMID: 21617703]. It consists of 456 amino acids (50 kDa) and interacts with TATA-binding protein (TBP), which is a central component for transcriptional regulation by forming complexes with various transcription regulators. RUVBL1 is a component of a large nuclear protein complex, possibly the RNA polymerase II holoenzyme. RUVBL1 is also highly homologous to RuvB proteins that function as a DNA helicase promote branch migration of the Holliday junction [PMID: 9588198].

Storage

Storage:

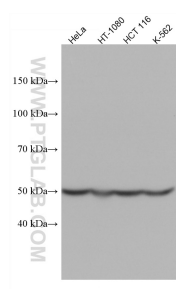
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

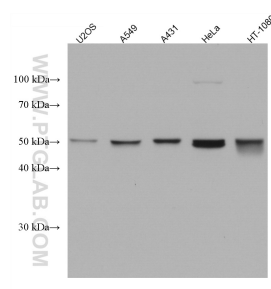
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67750-1-Ig (RUVBL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67750-1-Ig (RUVBL1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.