

A1905

Leader in Biomolecular Solutions for Life Science



Reptin/RUVBL2 Rabbit pAb

Catalog No.: A1905 **3 Publications**

Basic Information

Observed MW

50kDa

Calculated MW

51kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

This gene encodes the second human homologue of the bacterial RuvB gene. Bacterial RuvB protein is a DNA helicase essential for homologous recombination and DNA double-strand break repair. Functional analysis showed that this gene product has both ATPase and DNA helicase activities. This gene is physically linked to the CGB/LHB gene cluster on chromosome 19q13.3, and is very close (55 nt) to the LHB gene, in the opposite orientation.

Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

10856

Swiss Prot

Q9Y230

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-463 of human Reptin/Reptin/RUVBL2 (NP_006657.1).

Synonyms

RVB2; TIH2; ECP51; TIP48; CGI-46; ECP-51; INO80; REPTIN; TIP49B; TAP54-beta; Reptin/RUVBL2

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

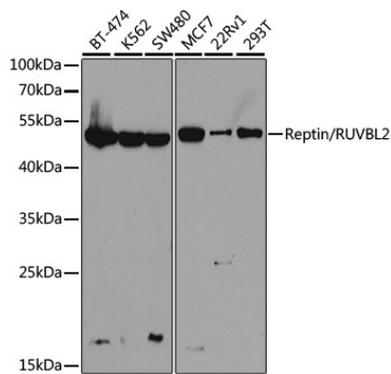
Affinity purification

Storage

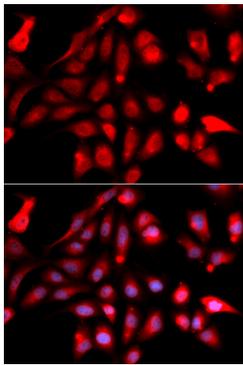
Store at -20°C. Avoid freeze / thaw cycles.

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

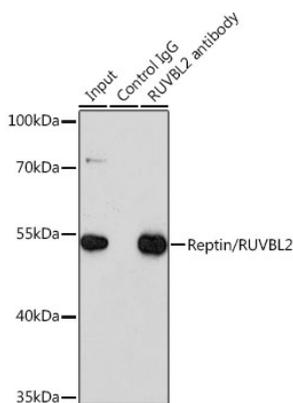
Validation Data



Western blot analysis of various lysates using Reptin/RUVBL2 Rabbit pAb (A1905) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using Reptin/RUVBL2 Rabbit pAb (A1905).
Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 200 µg extracts of K-562 cells using 3 µg Reptin/Reptin/RUVBL2 antibody (A1905). Western blot was performed from the immunoprecipitate using Reptin/Reptin/RUVBL2 antibody (A1905) at a dilution of 1:1000.