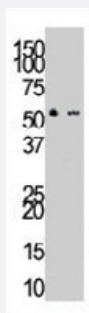


RUVBL2 polyclonal antibody

Catalog # PAB3727

Size 400 uL

Applications



Western Blot

The RUVBL2 polyclonal antibody (Cat # PAB3727) is used in Western blot to detect RUVBL2 in mouse kidney (left) and SK-BR-3 (right) tissue/cell line lysates.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of RUVBL2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human RUVBL2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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Gene Info — RUVBL2

Entrez GeneID	10856
Protein Accession#	NP_006657:Q6FIB9
Gene Name	RUVBL2
Gene Alias	CGI-46, ECP51, INO80J, REPTIN, RVB2, TIH2, TIP48, TIP49B
Gene Description	RuvB-like 2 (E. coli)
Omim ID	604788
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	INO80 complex subunit J Reptin52 RuvB (E coli homolog)-like 2 RuvB-like 2 TBP-interacting protein, 48-KD erythrocyte cytosolic protein, 51-KD

Publication Reference

- [Pontin52 and reptin52 function as antagonistic regulators of beta-catenin signalling activity.](#)

Bauer A, Chauvet S, Huber O, Usseglio F, Rothbacher U, Aragnol D, Kemler R, Pradel J.

The EMBO Journal 2000 Nov; 19(22):6121.

Application: IP-WB, WB-Tr, Human, HEK 293 cells

- [Human TIP49b/RUVBL2 gene: genomic structure, expression pattern, physical link to the human CGB/LHB gene cluster on chromosome 19q13.3.](#)

Parfait B, Giovangrandi Y, Asheuer M, Laurendeau I, Olivi M, Vodovar N, Vidaud D, Vidaud M, Bieche I.

Annales de Génétique 2000 Apr; 43(2):69.

- [An ATPase/helicase complex is an essential cofactor for oncogenic transformation by c-Myc.](#)

Wood MA, McMahon SB, Cole MD.

Molecular Cell 2000 Feb; 5(2):321.

Application: WB, Human, HEK 293 cells

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