

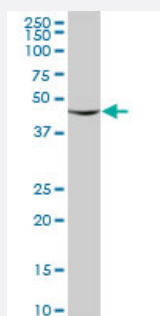
MaxPab®

RUVBL2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010856-B01P

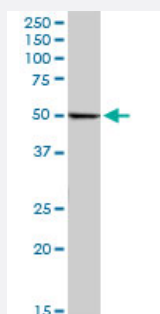
Size 50 ug

Applications



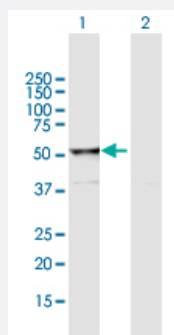
Western Blot (Tissue lysate)

RUVBL2 MaxPab polyclonal antibody. Western Blot analysis of RUVBL2 expression in human pancreas.



Western Blot (Cell lysate)

RUVBL2 MaxPab polyclonal antibody. Western Blot analysis of RUVBL2 expression in HeLa.

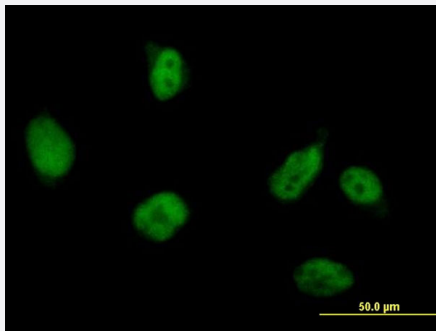


Western Blot (Transfected lysate)

Western Blot analysis of RUVBL2 expression in transfected 293T cell line ([H00010856-T01](#)) by RUVBL2 MaxPab polyclonal antibody.

Lane 1: RUVBL2 transfected lysate(50.93 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RUVBL2 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human RUVBL2 protein.
Immunogen	RUVBL2 (NP_006657.1, 1 a.a. ~ 463 a.a) full-length human protein.
Sequence	MATVTATTKVPEIRDVTRIERIGAHSHIRGLGLDDALEPRQASQGMVGQLAARRAAGVVLEMIREG KIAGRAVLIAQGPGTGKTAIAMGMAQALGPDTPFTAIGSEIFSLEMSKTEALTQAFRRSIGVRIKEE TEIIEGEVVEIQIDRPATGTGSKVGKLTLLTTEMETDYDLGTMIESLTKDKVQAGDVITDKATGKISK LGRSFTRARDYDAMGSQTKFVQCPDGELQKRKEVVHTVSLHEIDVINSRTQGFLALFSGDTGEIK SEVREQINAKVAEWREEGKAEIIPGVLFIDEVHMLDIESFSFLNRALES DMAPVLIMATNRGITRIRG TSYQSPHGPIDLLDRLLVSTTPYSEKDTKQLRIRCEEEDVEMSEDAYTVLTRIGLETSLRYAIQLITA ASLVCRKRKGTEVQVDDIKRVYSLFLDESIRSTQYMKEYQDAFLFNELKGETMDTS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

RUVBL2 MaxPab polyclonal antibody. Western Blot analysis of RUVBL2 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

RUVBL2 MaxPab polyclonal antibody. Western Blot analysis of RUVBL2 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of RUVBL2 expression in transfected 293T cell line ([H00010856-T01](#)) by RUVBL2 MaxPab polyclonal antibody.

Lane 1: RUVBL2 transfected lysate(50.93 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RUVBL2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RUVBL2

Entrez GeneID [10856](#)

GeneBank Accession# [NM_006666.1](#)

Protein Accession# [NP_006657.1](#)

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

- [A Divergent Substrate-Binding Loop within the Pro-oncogenic Protein Anterior Gradient-2 Forms a Docking Site for Reptin.](#)

Maslon MM, Hrstka R, Vojtesek B, Hupp TR.

Journal of Molecular Biology 2010 Oct; 404(3):418.

Application: WB-Ti, Human, Human breast cancer

Disease

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