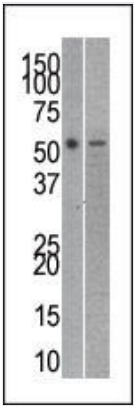
RUVBL2 Antibody – Rabbit Polyclonal

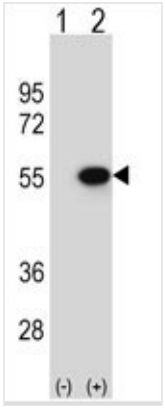
PRODUCT OVERVIEW

Product Name	Reptin (RUVBL2), Polyclonal Antibody
Full Product Name	Reptin, CT (RuvB-like 2, 48kD TATA Box-binding Protein-interacting Protein, 48kD TBP-Interacting Protein, TIP49b, Repressing Pontin 52, Reptin 52, 51kD Erythrocyte Cytosolic Protein, ECP-51, TIP60-associated Protein 54-beta, TAP54-beta, TIP48, TIP49B, RUV
Product Gene Name	anti-RUVBL2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A/G Affinity Chromatography.
Specificity	Recognizes human Reptin. Species Crossreactivity: mouse.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	46,306 Da
3D Structure	ModBase 3D Structure for Q6FIB9
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 400-430 in the C-terminal region of human Reptin. Species Crossreactivity: bovine and xenopus.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-RUVBL2 antibody	Antibodies; Enzymes
Applications Tested/Suitable for anti-RUVBL2 antibody	FLISA, Western Blot (WB)
Application Notes for anti-RUVBL2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-RUVBL2 antibody	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.
Product References and Citations for anti-RUVBL2 antibody	1. Bauer, A., et al., EMBO J. 19(22):6121-6130 (2000). 2. Parfait, B., et al., Ann. Genet. 43(2):69-74 (2000). 3. Wood, M.A., et al., Mol. Cell 5(2):321-330 (2000). 4. Salzer, U., et al., Biochim. Biophys. Acta 1446(3):365-370 (1999). 5. Kanemaki, M., et al., J. Biol. Chem. 274(32):22437-22444 (1999).
Other Notes	Small volumes of anti-RUVBL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for RUVBL2 purchase	MBS6498352 is an antibody targeting RUVBL2. Also known as Reptin, CT (RuvB-like 2, 48kD TATA Box-binding Protein-interacting Protein, 48kD TBP-Interacting Protein, TIP49b, Repressing Pontin 52, Reptin 52, 51kD Erythrocyte Cytosolic Protein, ECP-51, TIP60-associated Protein 54-beta, TAP54-beta, TIP48, TIP49B, RUV. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-RUVBL2 antibody
Western Blot analysis detects RUVBL2 in mouse kidney (left) and SK-Br-3 (right) tissue/cell linel ysates using MBS628914.



Western Blot (WB) of anti-RUVBL2 antibody
Western Blot analysis of RUVBL2 (arrow) of 293 cell lysates (2ug/lane) using MBS628914. Lane 1: Nontransfected with the RUVBL2 gene. Lane 2: Transfected with the RUVBL2 gene

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RUVBL2. It may not necessarily be applicable to this product.

NCBI GI #	5730023
NCBI GeneID	10856
NCBI Accession #	NP_006657
UniProt Primary Accession #	Q6FIB9
UniProt Secondary Accession #	Q6FIB9; Q6PK27; Q9Y361; B3KQ59; E7ETE5
UniProt Related Accession #	Q9Y230
GenBank Nucleotide #	NM_006666
NCBI Official Full Name	ruvB-like 2
NCBI Official Synonym Full Names	RuvB-like AAA ATPase 2
NCBI Official Symbol	RUVBL2
NCBI Official Synonym Symbols	RVB2; TIH2; ECP51; TIP48; CGI-46; INO80J; REPTIN; TIP49B
Protein Family	RuvB
NCBI Protein Information	ruvB-like 2; 48 kDa TATA box-binding protein-interacting protein; 48 kDa TBP-interacting protein; 51 kDa erythrocyte cytosolic protein; ECP-51; INO80 complex subunit J; RuvB (E coli homolog)-like 2; TAP54-beta; TIP60-associated protein 54-beta; erythrocyt
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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