Mouse RUVBL2 Monoclonal Antibody | anti-RUVBL2 antibody

RUVBL2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106787	**Mouse**	**Western Blot, Immunohistochemistry**

PRODUCT SYNONYMS

RUVBL2; Monoclonal Antibody; RUVBL2 antibody; Monoclonal RUVBL2; Anti-RUVBL2; CGI-46; ECP51; INO80J; REPTIN; RVB2; TIH2; TIP48; TIP49B; RUVBL 2; RUVBL-2; anti-RUVBL2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D9
Purity/Purification	RUVBL2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	463
Applicable Applications for anti-RUVBL2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	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.
Cross-Reactivity	Human, Dog, Rat, Monkey, Mouse
Immunogen	RUVBL2 antibody was raised in Mouse using Human recombinant protein fragment corresponding to amino acids 113-370 of human RUVBL2 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RUVBL2 protein (Right) or empty vector (Left) detected with RUVBL2 antibody

IHC (Immunohistochemistry)
Immunohistochemical analysis of RUVBL2 protein in paraffin embedded Carcinoma of Human lung tissue using RUVBL2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RUVBL2 antibody	Mouse monoclonal RUVBL2 antibody

Product Categories/Family for anti-RUVBL2 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	5730023
NCBI GeneID	10856
NCBI Accession #	NP_006657.1
NCBI GenBank Nucleotide #	NM_006666.1
UniProt Accession #	Q9Y230; Q6FIB9; Q6PK27; Q9Y361; B3KQ59; E7ETE5
Molecular Weight	46,306 Da
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
NCBI Protein Information	ruvB-like 2
UniProt Protein Name	RuvB-like 2
UniProt Gene Name	**RUVBL2**
UniProt Synonym Gene Names	INO80J; TIP48; TIP49B; 48 kDa TBP-interacting protein; ECP-51; Reptin 52; TAP54-beta
UniProt Entry Name	RUVB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ruvbl2-antibody-clone-1d9-western-blot-immunohistochemistry-elisa/106787