

Anti-RUVBL1 Antibody (10231)

Product Details

Ig Type:	Mouse IgG2b
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	10231
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of human RUVBL1 in human colon carcinoma with mouse monoclonal antibody (1:100000, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human RUVBL1 in human testis with mouse monoclonal antibody (1:100000, formalin-fixed paraffin embedded sections).
Application:	IHC-P
Recommended	IHC-P: 1:20000-1:100000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human RUVBL1 / RVB1 Protein (TMPY-03263)
Antigen Species:	Human
Synonyms:	TIH1;NMP238;ECP54;RuvB-like AAA ATPase 1;Pontin52;RVB1;TIP49A;INO80H;PONTIN;TIP49

Research Background

RUVBL1, also known as RVB1, is a component of the NuA4 histone acetyltransferase complex and belongs to the RuvB family. RUVBL1 is ubiquitously expressed with high expression in heart, skeletal muscle and testis. It possesses single-stranded DNA-stimulated ATPase and ATP-dependent DNA helicase (3' to 5') activity. RUVBL1 is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. RUVBL1 plays an essential role in oncogenic transformation by MYC and also modulates transcriptional activation by the LEF1/TCF1-CTNNB1 complex. It also is essential for cell proliferation. RUVBL1 may be able to bind plasminogen at cell surface and enhance plasminogen activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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