antibodies

## Datasheet for ABIN6243887 anti-MORF4L1 antibody (AA 328-360)

Image



### Overview

Quantity:	200 µL
Target:	MORF4L1
Binding Specificity:	AA 328-360
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Product Details	This MORF4L1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic
	This MORF4L1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 328-360 amino acids from human MORF4L1.
Immunogen:	peptide between 328-360 amino acids from human MORF4L1.
Immunogen: Clone:	peptide between 328-360 amino acids from human MORF4L1. RB54237
Immunogen: Clone: Isotype:	peptide between 328-360 amino acids from human MORF4L1. RB54237 Ig Fraction

### Target Details

Target:	MORF4L1
Alternative Name:	MORF4L1 (MORF4L1 Products)
Background:	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in

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	transcriptional activation of select genes principally by acetylation of nucleosomal histones H4
	and H2A. This modification may both alter nucleosome - DNA interactions and promote
	interaction of the modified histones with other proteins which positively regulate transcription.
	This complex may be required for the activation of transcriptional programs associated with
	oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth
	arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and
	helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and
	RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to
	sites of DNA damage. Also component of the mSin3A complex which acts to repress
	transcription by deacetylation of nucleosomal histones. Required for homologous
	recombination repair (HRR) and resistance to mitomycin C (MMC). Involved in the localization
	of PALB2, BRCA2 and RAD51, but not BRCA1, to DNA-damage foci.
Molecular Weight:	41474

UniProt:	Q9UBU8
Pathways:	Chromatin Binding

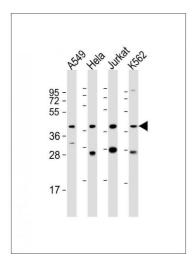
## Application Details

Restrictions: For Research Use only	

# Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

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#### Western Blotting

**Image 1.** All lanes : Anti-MORF4L1 Antibody (C-Term) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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