

Datasheet for ABIN7160219  
**anti-MORF4L1 antibody (AA 1-100)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	MORF4L1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MORF4L1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Mortality factor 4-like protein 1 protein (1-100AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	MORF4L1
Alternative Name:	MORF4L1 ( <a href="#">MORF4L1 Products</a> )
Background:	Background: Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal

## Target Details

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.

Aliases: CG6363 antibody, Eaf3 antibody, Esa1p associated factor 3 homolog antibody, FWP006 antibody, HsT17725 antibody, MEAF3 antibody, MO4L1\_HUMAN antibody, MORF related gene on chromosome 15 antibody, MORF-related gene 15 protein antibody, Morf4l1 antibody, MORFRG15 antibody, Mortality factor 4 like 1 antibody, Mortality factor 4 like protein 1 antibody, Mortality factor 4-like protein 1 antibody, MRG15 antibody, Protein MSL3-1 antibody, S863-6 antibody, Transcription factor-like protein MRG15 antibody

UniProt: [Q9UBU8](#)

Pathways: [Chromatin Binding](#)

## Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

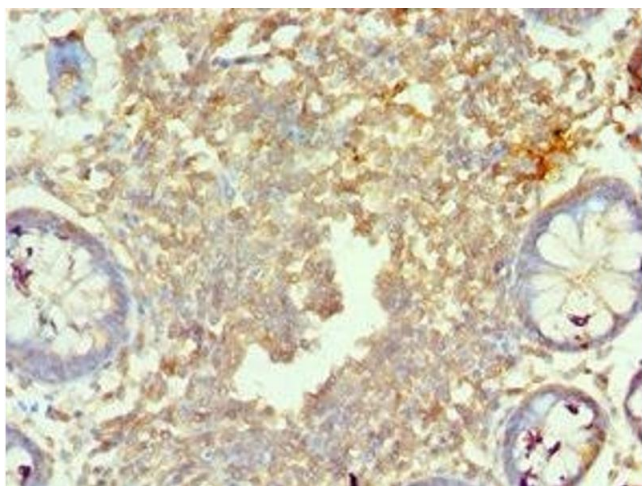
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

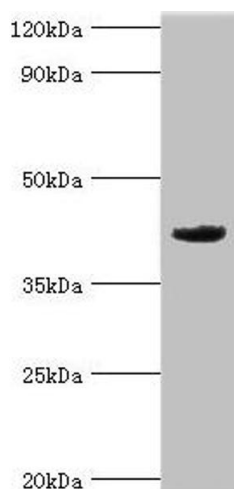
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon tissue using ABIN7160219 at dilution of 1:100



#### Western Blotting

**Image 2.** Western blot All lanes: Mortality factor 4-like protein 1 antibody at 2 µg/mL + A549 whole cell lysate  
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 42, 38, 27 kDa Observed band size: 42 kDa