

MORF4L1 antibody

Product Information

Catalog No.:	FNab05273
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Component of the NuA4 histone acetyltransferase(HAT) complex which is involved in 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.

Immunogen information

Immunogen:	mortality factor 4 like 1
Synonyms:	Mortality factor 4-like protein 1 MORF-related gene 15 protein Protein MSL3-1 Transcription factor-like protein MRG15 MORF4L1 MRG15
Observed MW:	35-37 kDa
Uniprot ID :	Q9UBU8

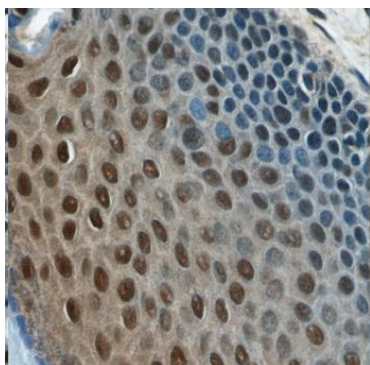
Application

Reactivity:	Human, Mouse, Rat
-------------	-------------------

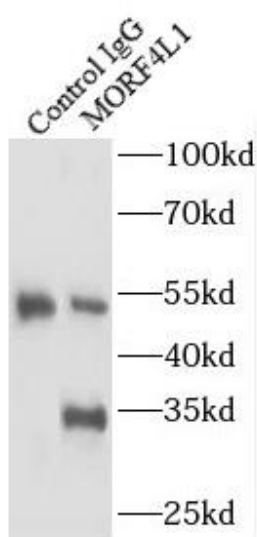
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

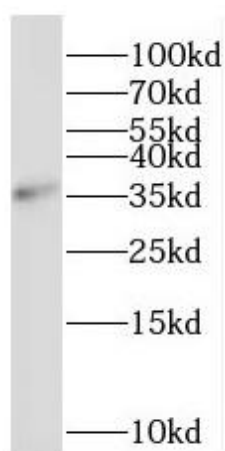
Image:



Immunohistochemistry of paraffin-embedded human skin using FNab05273(MORF4L1 antibody) at dilution of 1:100



IP Result of anti-MORF4L1 (IP:FNab05273, 4ug; Detection:FNab05273 1:800) with HEK-293 cells lysate 1200ug.



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab05273(MORF4L1 antibody) at dilution of 1:500