

For Research Use Only

# MORF4L1 Polyclonal antibody

Catalog Number: 55257-1-AP

1 Publications



## Basic Information

### Catalog Number:

55257-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 553 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_006791

### GeneID (NCBI):

10933

### UNIPROT ID:

Q9UBU8

### Full Name:

mortality factor 4 like 1

### Calculated MW:

41 kDa

### Observed MW:

35-37 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IP, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : HEK-293 cells, A549 cells, mouse brain tissue

IP : HEK-293 cells,

IHC : human skin tissue, human testis tissue

## Background Information

MORF4L1, also named as MRG15, belongs to the MRG family. It is a 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. It is also component of the mSin3A complex which acts to repress transcription by deacetylation of nucleosomal histones. (PMID:14966270) This antibody has no cross-reaction to MORF4L2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Megha Jhanji	39677608	bioRxiv	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

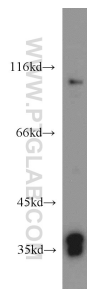
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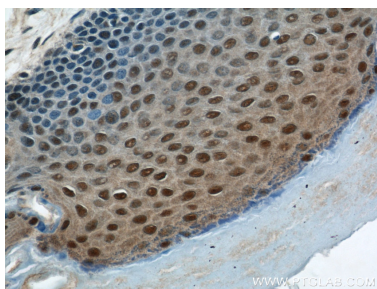
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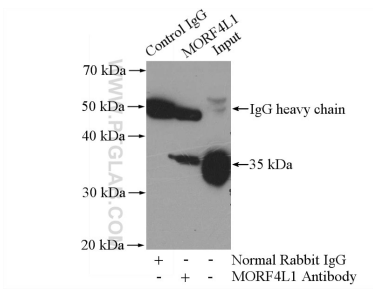
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 55257-1-AP (MORF4L1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin using 55257-1-AP (MORF4L1 antibody) at dilution of 1:200 (under 40x lens).



IP result of anti-MORF4L1 (IP:55257-1-AP, 4ug; Detection:55257-1-AP 1:800) with HEK-293 cells lysate 1200ug.