

For Research Use Only

MORF4L1 Polyclonal antibody

Catalog Number: 55257-1-AP



Basic Information

Catalog Number: 55257-1-AP	GenBank Accession Number: NM_006791	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 553 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10933	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: mortality factor 4 like 1	IHC 1:50-1:500
Isotype: IgG	Calculated MW: 41 kDa	IF 1:50-1:500
	Observed MW: 35-37 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, A549 cells, mouse brain tissue
Species Specificity: human, mouse, rat	IP : HEK-293 cells,
Note-IHC: <i>suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</i>	IHC : human skin tissue, human testis tissue
	IF : HEK-293 cells,

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.

Storage

Storage:
Store at -20°C.
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

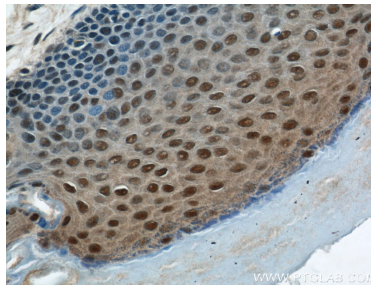
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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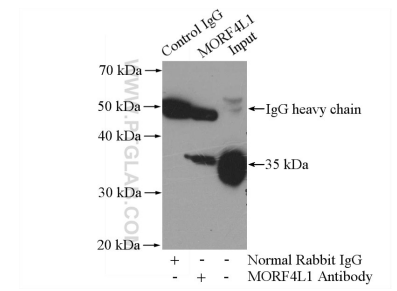
Selected Validation Data



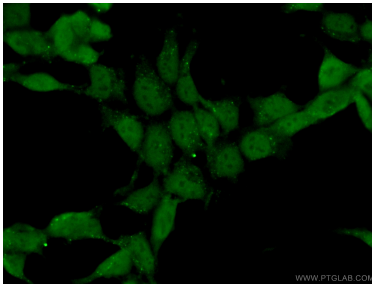
HEK-293 cells were subjected to SDS PAGE followed by western blot with 55257-1-AP (MORF4L1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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.



Immunofluorescent analysis of (10% Formaldehyde) fixed HEK-293 cells using 55257-1-AP (MORF4L1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).