

MRG15 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05549
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human MORF4L1. AA range:31-80
Mol wt	41474
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	MRG15 Antibody
Synonyms	MORF4L1; MRG15; FWP006; HSPC008; HSPC061; PP368; Mortality factor 4-like protein 1; MORF-related gene 15 protein; Protein MSL3-1; Transcription factor-like protein MRG15

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

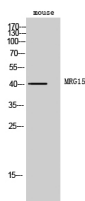
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 20000

Not yet tested in other applications.

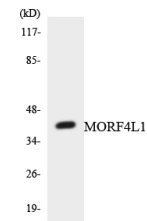
Images



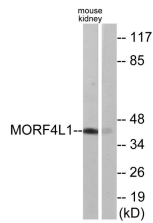
Western Blot analysis of mouse cells using MRG15 Polyclonal Antibody diluted at 1:500 cells nucleus.



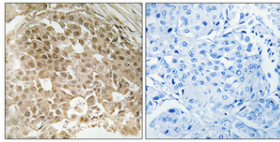
Western blot analysis of Mouse-kidney mouse-brain lysis using MRG15 antibody. Antibody was diluted at 1:500 cells nucleus.



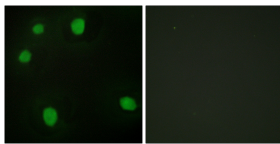
Western blot analysis of the lysates from COLO205 cells using MORF4L1 antibody.



Western blot analysis of lysates from mouse kidney cells, using MORF4L1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.



Immunofluorescence analysis of HepG2 cells, using MORF4L1 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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