

**MRGBP Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18098c****Specification**

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**MRGBP Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q9NV56</a>
Other Accession	<a href="#">Q9DAT2</a> , <a href="#">NP_060740.1</a>
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	22417
Antigen Region	46-75

**MRGBP Antibody (Center) - Additional Information****Gene ID** 55257**Other Names**

MRG/MORF4L-binding protein, MRG-binding protein, Up-regulated in colon cancer 4, Urcc4, MRGBP, C20orf20

**Target/Specificity**

This MRGBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-75 amino acids from the Central region of human MRGBP.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MRGBP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**MRGBP Antibody (Center) - Protein Information****Name** MRGBP

## Synonyms C20orf20

**Function** 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. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.

## Cellular Location

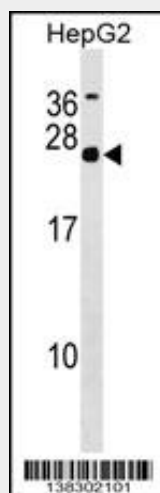
Nucleus.

## MRGBP Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## MRGBP Antibody (Center) - Images



MRGBP Antibody (Center) (Cat. #AP18098c) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the MRGBP antibody detected the MRGBP protein (arrow).

## MRGBP Antibody (Center) - Background

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proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage.

#### **MRGBP Antibody (Center) - References**

Yamaguchi, K., et al. Br. J. Cancer 102(2):325-331(2010)  
Cai, Y., et al. J. Biol. Chem. 280(14):13665-13670(2005)  
Cai, Y., et al. J. Biol. Chem. 278(44):42733-42736(2003)  
Deloukas, P., et al. Nature 414(6866):865-871(2001)