

# MYBBP1A Antibody

Purified Mouse Monoclonal Antibody (Mab)

Catalog # AM8564b

## Product Information

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Application	WB, E
Primary Accession	<a href="#">Q9BQG0</a>
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1,k
Clone Names	1702CT711.87.46
Calculated MW	148855

## Additional Information

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Gene ID	10514
Other Names	Myb-binding protein 1A, MYBBP1A, P160
Target/Specificity	This MYBBP1A antibody is generated from a mouse immunized with a recombinant protein between 1104-1328 amino acids from human MYBBP1A.
Dilution	WB~~1:5000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
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	MYBBP1A Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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Name	MYBBP1A
Synonyms	P160
Function	May activate or repress transcription via interactions with sequence specific DNA-binding proteins (By similarity). Repression may be mediated at least in part by histone deacetylase activity (HDAC activity) (By similarity). Acts as a corepressor and in concert with CRY1, represses the transcription of the core circadian clock component PER2 (By similarity). Preferentially binds to

dimethylated histone H3 'Lys-9' (H3K9me2) on the PER2 promoter (By similarity). Has a role in rRNA biogenesis together with PWP1 (PubMed:[29065309](#)).

### Cellular Location

Cytoplasm. Nucleus. Nucleus, nucleolus. Note=Shuttles between the nucleus and cytoplasm. Nuclear import may be mediated by KPNA2, while export appears to depend partially on XPO1/CRM1 (By similarity). Predominantly nucleolar. {ECO:0000250|UniProtKB:Q7TPV4}

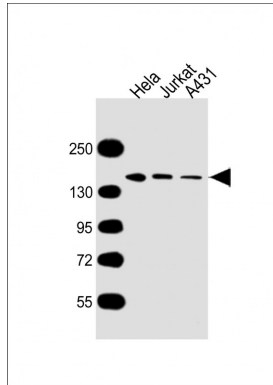
## Background

May activate or repress transcription via interactions with sequence specific DNA-binding proteins. Repression may be mediated at least in part by histone deacetylase activity (HDAC activity). Acts as a corepressor and in concert with CRY1, represses the transcription of the core circadian clock component PER2. Preferentially binds to dimethylated histone H3 'Lys-9' (H3K9me2) on the PER2 promoter.

## References

Keough R.,et al.Genomics 62:483-489(1999).  
Wiemann S.,et al.Genome Res. 11:422-435(2001).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Scherl A.,et al.Mol. Biol. Cell 13:4100-4109(2002).  
Olsen J.V.,et al.Cell 127:635-648(2006).

## Images



All lanes : Anti-MYBBP1A Antibody at 1:5000 dilution Lane 1: Hela whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: A431 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 149 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.