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MYBBP1A Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8564b

Specification

MYBBP1A Antibody - Product Information

Application	**WB,E**
Primary Accession	Q9BQG0
Reactivity	**Human**
Host	**Mouse**
Clonality	**monoclonal**
Isotype	**IgG1,k**
Calculated MW	**148855**

MYBBP1A Antibody - Additional Information

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

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.

MYBBP1A Antibody - Protein Information

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).

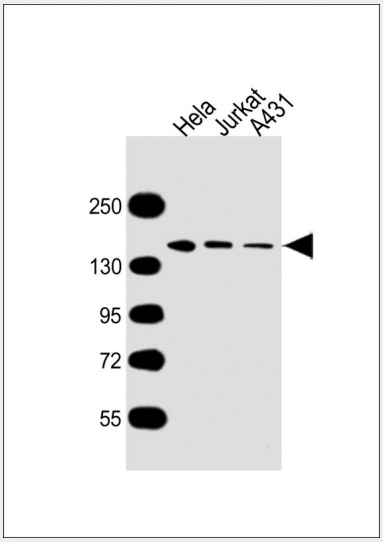
Cellular Location
Cytoplasm. Nucleus. Nucleus, nucleolus. Note=Shuttles between the nucleus and cytoplasm. Nuclear import may be mediated by KPNA2, while export appears to depend partially on XPO1/CRM1 (By similarity). Predominantly nucleolar. {ECO:0000250|UniProtKB:Q7TPV4}

MYBBP1A Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MYBBP1A Antibody - 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.

MYBBP1A Antibody - 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.

MYBBP1A Antibody - 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).