

Recombinant Anti-MYBBP1A Rabbit mAb

Catalog # AP95117

Product Information

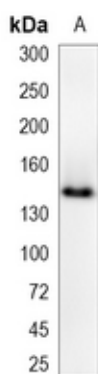
Application	WB, IHC, FC, IF/IC
Primary Accession	Q9BQG0
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	148855

Additional Information

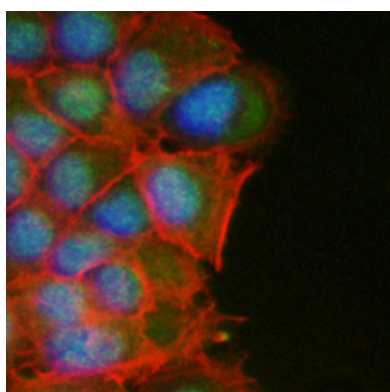
Gene ID	10514
Other Names	P160; Myb-binding protein 1A
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human MYBBP1A protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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}



Western blot analysis of MYBBP1A expression in HEK293 (A) whole cell lysates. (Predicted band size: 149 kD; Observed band size: 149 kD)



Immunofluorescent analysis of MYBBP1A staining in HEK293 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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