SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-MYBBP1A antibody

Catalog Number: SL6203R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	MYBBP1A
Immunogen:	KLH conjugated synthetic peptide derived from human MYBBP1A: 841-940/1328
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit)
Predicted MW.:	149kDa
Subcellular Location:	The nucleus cytoplasmic
Background:	This gene encodes a nucleolar transcriptional regulator that was first identified by its ability to bind specifically to the Myb proto-oncogene protein. The encoded protein is thought to play a role in many cellular processes including response to nucleolar stress, tumor suppression and synthesis of ribosomal DNA. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013] **Function:** 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) **Subunit:** Binds to and represses JUN and MYB via the leucine zipper regions present in these proteins. Also binds to and represses PPARGC1A: this interaction is abrogated when PPARGC1A is phosphorylated by MAPK1/ERK. Binds to and stimulates transcription by AHR. Binds to KPNA2. Component of the B-WICH complex, at least composed of

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	SMARCA5/SNF2H, BAZ1B/WSTF, SF3B1, DEK, MYO1C, ERCC6, MYBBP1A and DDX21. **Subcellular 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. Predominantly nucleolar. **Database links:** **Entrez Gene:** 10514 Human Omim: 604885 Human **SwissProt:** Q9BQG0 Human **Unigene:** 701718 Human

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