



Rabbit Anti-p53 activated protein 2/MYBBP1A antibody

SL6203R

Product Name:	p53 activated protein 2/MYBBP1A
Chinese Name:	p53激活蛋白2抗体
Alias:	p160MBP; p53 activated protein 2; p67MBP; cb486; MBB1A_HUMAN; MYB binding protein (P160) 1a; myb binding protein (P160) 1a like; Myb-binding protein 1A; Mybbp1a; nuclear protein P160; P160; PAP2; PAR interacting protein; RP23 48A2.3; sb:cb486.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	149kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MYBBP1A:841-940/1328
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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 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 (By similarity). Predominantly nucleolar.

SWISS:

Q9BQG0

Gene ID:

10514

Database links:

[Entrez Gene: 10514](#)Human

[Omim: 604885](#)Human

[SwissProt: Q9BQG0](#)Human

[Unigene: 701718](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.