



Rabbit Anti-MYCBP antibody

SL19140R

Product Name:	MYCBP
Chinese Name:	C mycBinding protein抗体
Alias:	AMY 1; AMY-1; AMY1; Associate of myc 1; C myc binding protein; C-Myc-binding protein; Cmyc binding protein; MYCBP; MYCBP HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Chicken,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	12kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MYCBP:2-80/103
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:	The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have

been found for this gene. [provided by RefSeq, Nov 2011]

Function:

May control the transcriptional activity of MYC. Stimulates the activation of E box-dependent transcription by MYC.

Subcellular Location:

Cytoplasm. Nucleus. Mitochondrion. Translocates into the nucleus in the S phase of the cell cycle upon an increase of MYC expression. Found in the mitochondria when associated with AKAP1.

Tissue Specificity:

Highly expressed in heart, placenta, pancreas, skeletal muscle and kidney. Also present at low levels in lung.

Similarity:

Belongs to the AMY1 family.

SWISS:

Q99417

Gene ID:

26292

Database links:

[Entrez Gene: 26292](#) Human

[Entrez Gene: 539291](#) Cow

[Entrez Gene: 56309](#) Mouse

[Omim: 606535](#) Human

[SwissProt: Q2TBP7](#) Cow

[SwissProt: Q99417](#) Human

[SwissProt: Q9EQS3](#) Mouse

[Unigene: 591506](#) Human

[Unigene: 446553](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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