

**MYCBP Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP12410a**

**Specification**

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**MYCBP Antibody (N-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O99417</a>
Other Accession	<a href="#">O9EQS3</a> , <a href="#">Q2TBP7</a> , <a href="#">NP_036465.2</a>
Reactivity	Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11967
Antigen Region	1-30

**MYCBP Antibody (N-term) - Additional Information**

**Gene ID** 26292

**Other Names**

C-Myc-binding protein, Associate of Myc 1, AMY-1, MYCBP, AMY1

**Target/Specificity**

This MYCBP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MYCBP.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**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**

MYCBP Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MYCBP Antibody (N-term) - Protein Information**

**Name** MYCBP ([HGNC:7554](#))

**Synonyms** AMY1

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

**Cellular Location**

Cytoplasm. Nucleus. Mitochondrion. Note=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 Location**

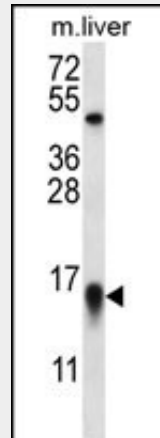
Highly expressed in heart, placenta, pancreas, skeletal muscle and kidney. Also present at low levels in lung

**MYCBP Antibody (N-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MYCBP Antibody (N-term) - Images**



MYCBP Antibody (N-term) (Cat. #AP12410a) western blot analysis in mouse liver tissue lysates (35ug/lane). This demonstrates the MYCBP antibody detected the MYCBP protein (arrow).

**MYCBP Antibody (N-term) - Background**

The MYCBP gene encodes a protein that binds to the N-terminal region of MYC (MIM 190080) and stimulates the activation of E box-dependent transcription by MYC.

**MYCBP Antibody (N-term) - References**

Xiong, J., et al. *Oncogene* 29(35):4980-4988(2010)  
Wang, H.B., et al. *J. Gastrointest. Surg.* 14(8):1227-1234(2010)  
Rose, J.E., et al. *Mol. Med.* 16 (7-8), 247-253 (2010) :

Sedoris, K.C., et al. *Biochemistry* 46(29):8659-8668(2007)  
Ishizaki, R., et al. *Genes Cells* 11(8):949-959(2006)