

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

Specification

MYCBP Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O99417
Other Accession	O9EQS3 , Q2TBP7 , NP_036465.2
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

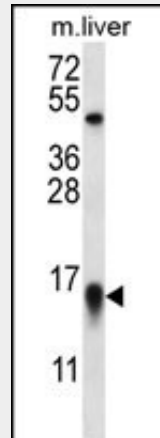
Highly expressed in heart, placenta, pancreas, skeletal muscle and kidney. Also present at low levels in lung

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)