

Anti-MYCBP Antibody

Catalog # AP53937

Product Information

Application	WB
Primary Accession	Q99417
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	11967

Additional Information

Gene ID	26292
Other Names	AMY1; C-Myc-binding protein; Associate of Myc 1; AMY-1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYCBP. The exact sequence is proprietary.
Dilution	WB~~1/500 - 1/2000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

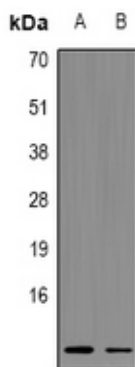
Protein Information

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

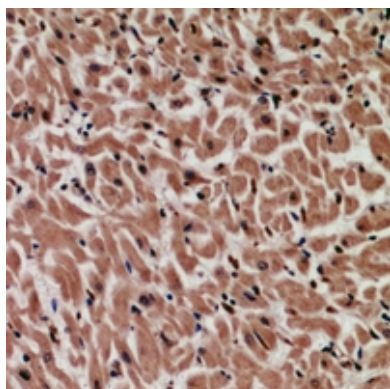
Background

Rabbit polyclonal antibody to MYCBP

Images



Western blot analysis of MYCBP expression in A549 (A), rat lung (B) whole cell lysates.



Immunohistochemical analysis of MYCBP staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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