



# AMY-1 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-01527
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	IHC;IF;ELISA
<b>Gene Name</b>	MYCBP
<b>Protein Name</b>	C-Myc-binding protein
<b>Immunogen</b>	Synthesized peptide derived from AMY-1 . at AA range: 30-110
<b>Specificity</b>	AMY-1 Polyclonal Antibody detects endogenous levels of AMY-1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MYCBP; AMY1; C-Myc-binding protein; Associate of Myc 1; AMY-1
<b>Observed Band</b>	
<b>Cell Pathway</b>	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.
<b>Tissue Specificity</b>	Highly expressed in heart, placenta, pancreas, skeletal muscle and kidney. Also present at low levels in lung.
<b>Function</b>	function:May control the transcriptional activity of MYC. Stimulates the activation of E box-dependent transcription by MYC.,similarity:Belongs to the AMY1 family.,subcellular location:Translocates into the nucleus in the S phase of the cell cycle upon an increase of c-Myc expression. Found in the mitochondria when associated with AKAP1.,subunit:Binds via its C-terminal region to the N-terminal region of MYC. Associates with AKAP1/S-AKAP84. Interacts with MYCBPAP.,tissue specificity:Highly expressed in heart, placenta, pancreas, skeletal muscle and kidney. Also present at low levels in lung.,
<b>Background</b>	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],

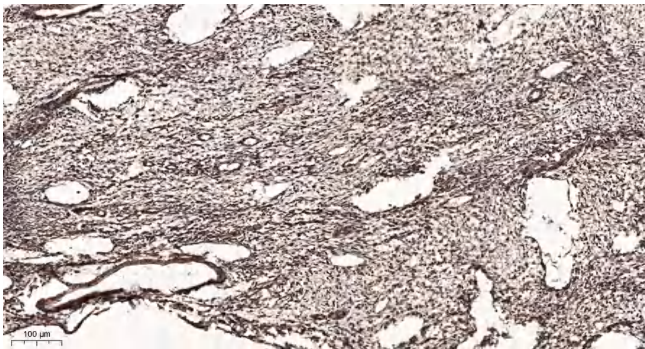
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).