

Rabbit anti-Human, Mouse MYCBP Polyclonal Antibody | anti-MYCBP antibody

MYCBP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322720	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

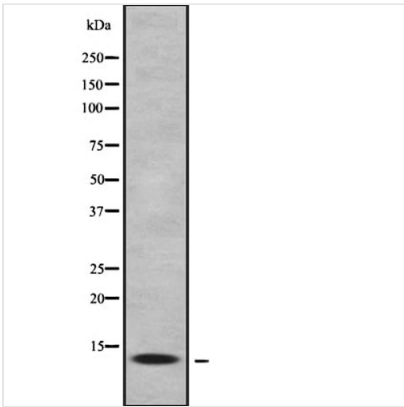
PRODUCT SYNONYMS

MYCBP; Polyclonal Antibody; MYCBP Antibody; AMY 1; AMY-1; AMY1; Associate of Myc 1; C myc binding protein; C-Myc-binding protein; Cmyc binding protein; MYCBP_HUMAN; anti-MYCBP antibody

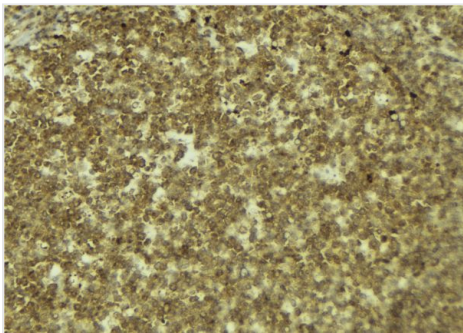
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MYCBP antibody detects endogenous levels of total MYCBP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	103
Applicable Applications for anti-MYCBP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MYCBP
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.
Predicted Cross Reactivity	Bovine, Rabbit, Dog, Chicken, Xenopus
Similarity	Bovine (100%), Rabbit (100%), Dog (100%), Chicken (91%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of MYCBP using HeLa whole cell lysates



IHC (Immunohistochemistry)
AAA322720 at 1/100 staining Mouse pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MYCBP antibody	Function: May control the transcriptional activity of MYC. Stimulates the activation of E box-dependent transcription by MYC. Subunit Structure: Binds via its C-terminal region to the N-terminal region of MYC. Associates with AKAP1/S-AKAP84. Interacts with MYCBPAP. Similarity: Belongs to the AMY1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57242777
NCBI GeneID	26292
NCBI Accession #	NP_036465.2
NCBI GenBank Nucleotide #	NM_012333.4
UniProt Accession #	Q99417; Q5TA64; Q96HE2; B2R4N0
Molecular Weight	Observed: 12 kDa Predicted: 12 kDa
NCBI Official Full Name	C-Myc-binding protein
NCBI Official Synonym Full Names	MYC binding protein
NCBI Official Symbol	MYCBP
NCBI Official Synonym Symbols	AMY-1
NCBI Protein Information	C-Myc-binding protein
UniProt Protein Name	c-Myc-binding protein
UniProt Gene Name	MYCBP
UniProt Synonym Gene Names	AMY1; AMY-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.