

Product name:	AMY-1 Rabbit Polyclonal Antibody
Cat number:	ABN06862
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthesized peptide derived from AMY-1 . at AA range: 30-110
Reactivity:	Human,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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],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.,