antibodies - online.com







anti-MAF antibody (N-Term)



Image



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Quantity:	400 μL
Target:	MAF
Binding Specificity:	AA 14-42, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	
Product Details Immunogen:	This Mouse Maf antibody is generated from rabbits immunized with a KLH conjugated
	This Mouse Maf antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 14-42 amino acids from the N-terminal region of mouse Maf.
Immunogen:	synthetic peptide between 14-42 amino acids from the N-terminal region of mouse Maf.
Immunogen: Clone:	synthetic peptide between 14-42 amino acids from the N-terminal region of mouse Maf. RB40270
Immunogen: Clone: Isotype:	synthetic peptide between 14-42 amino acids from the N-terminal region of mouse Maf. RB40270 Ig Fraction

Target Details

Target:	MAF
Alternative Name:	Maf (MAF Products)
Background:	Maf acts as a transcriptional activator or repressor. When overexpressed, represses anti-

oxidant response element (ARE)-mediated transcription. Involved either as an oncogene or as a tumor suppressor, depending on the cell context. Binds to the ARE sites of detoxifying enzyme gene promoters (By similarity). Involved in embryonic lens fiber cell development. Recruits the transcriptional coactivators CREBBP and/or EP300 to crystallin promoters leading to upregulation of crystallin gene during lens fiber cell differentiation. Activates the expression of IL4 in T helper 2 (Th2) cells. Increases T cell susceptibility to apoptosis by interacting with MYB and decreasing BCL2 expression. Together with PAX6, transactivates strongly the glucagon gene promoter through the G1 element. Activates transcription of the CD13 proximal promoter in endothelial cells. Represses transcription of the CD13 promoter in early stages of myelopoiesis by affecting the ETS1 and MYB cooperative interaction. Involved in the initial chondrocyte terminal differentiation and the disappearance of hypertrophic chondrocytes during endochondral bone development. Binds to the sequence 5'-[GT]G[GC]N[GT]NCTCAGNN-3' in the L7 promoter. Binds to the T-MARE (Maf response element) sites of lens-specific alpha-and beta-crystallin gene promoters. Binds element G1 on the glucagon promoter. Binds an AT-rich region adjacent to the TGC motif (atypical Maf response element) in the CD13 proximal promoter in endothelial cells. It may interact with additional basic-zipper proteins that determine a subtype of Maf-responsive element binding.

Molecular Weight:	38435
Gene ID:	17132
NCBI Accession:	NP_001020748
UniProt:	P54843

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

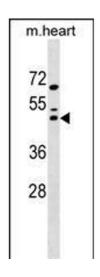
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Mouse Maf Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months
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Images



Western Blotting

Image 1. Mouse Maf Antibody (N-term) (ABIN1539064 and ABIN2838334) western blot analysis in mouse heart tissue lysates (35 μ g/lane). This demonstrates the Maf antibody detected the Maf protein (arrow).