

Rabbit Maf Polyclonal Antibody | anti-Maf antibody

Mouse Maf Antibody (N-term)

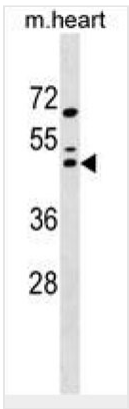
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283650	Rabbit	Mouse (Predicted Reactivity: Bovine, Chicken, Human, Rat)	ELISA, Western Blot

PRODUCT SYNONYMS

Maf; Polyclonal Antibody; Mouse Maf Antibody (N-term); Transcription factor Maf; Proto-oncogene c-Maf; V-maf musculoaponeurotic fibrosarcoma oncogene homolog; Maf2; anti-Maf antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse (Predicted Reactivity: Bovine, Chicken, Human, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	14-42
Sequence Length	370
Applicable Applications for anti-Maf antibody	ELISA, WB (Western Blot)
Cellular Location	Nucleus.
Tissue Location	Expressed in tubules of the renal cortex and hepatocytes. Expressed in the lens (at protein level). Expressed in pancreatic islets and endothelial cells.
Precautions	Mouse Maf Antibody (N-term) is for research use only
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Maf Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the Maf antibody detected the Maf protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Maf antibody	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 up-regulation 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]AGNN-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.
Product Categories/Family for anti-Maf antibody	Cancer; Cell Biology; Immunology
References	Nishikawa, K., et al. J. Clin. Invest. 120(10):3455-3465(2010) Apetoh, L., et al. Nat. Immunol. 11(9):854-861(2010) Wang, W.L., et al. Mol. Biol. Cell 21(14):2453-2468(2010) Honma, Y., et al. Development 137(14):2319-2328(2010) Wiley, L.A., et al. Invest. Ophthalmol. Vis. Sci. 51(7):3611-3618(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	71480167
NCBI GeneID	17132
NCBI Accession #	NP_001020748.2
NCBI GenBank Nucleotide #	NM_001025577.2
UniProt Accession #	P54843; Q3V1Z2; Q4QY62
Molecular Weight	38435
NCBI Official Full Name	transcription factor Maf
NCBI Official Synonym Full Names	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog

NCBI Official Symbol	Maf
NCBI Official Synonym Symbols	c-maf; AW047063; 2810401A20Rik; A230108G15Rik
NCBI Protein Information	transcription factor Maf
UniProt Protein Name	Transcription factor Maf
UniProt Gene Name	Maf
UniProt Synonym Gene Names	Maf2
UniProt Entry Name	MAF_MOUSE

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/maf-antibody-western-blot-elisa/283650>