

Anti-c-Maf Rabbit Monoclonal Antibody
Catalog # ABO13644

Specification

Anti-c-Maf Rabbit Monoclonal Antibody - Product Information

Application	IHC
Primary Accession	O75444
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-c-Maf Rabbit Monoclonal Antibody . Tested in IHC application. This antibody reacts with Human, Mouse, Rat.

Anti-c-Maf Rabbit Monoclonal Antibody - Additional Information

Gene ID 4094

Other Names

Transcription factor Maf, Proto-oncogene c-Maf, V-maf musculoaponeurotic fibrosarcoma oncogene homolog, MAF

Calculated MW

38492 MW KDa

Application Details

IHC 1:50-1:200

Subcellular Localization

Nucleus.

Tissue Specificity

Expressed in endothelial cells..

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human c-Maf

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-c-Maf Rabbit Monoclonal Antibody - Protein Information

Name MAF

Function

Acts as a transcriptional activator or repressor. 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]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 (By similarity). 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.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978}.

Tissue Location

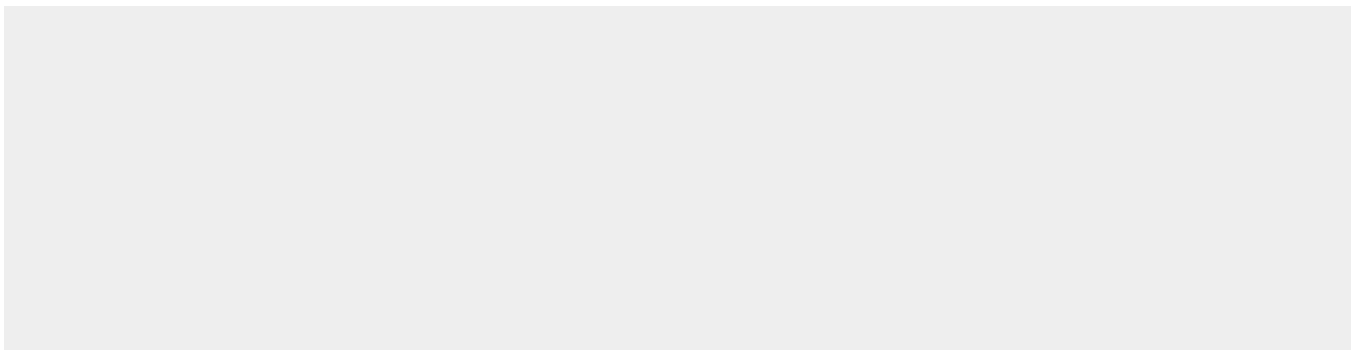
Expressed in endothelial cells.

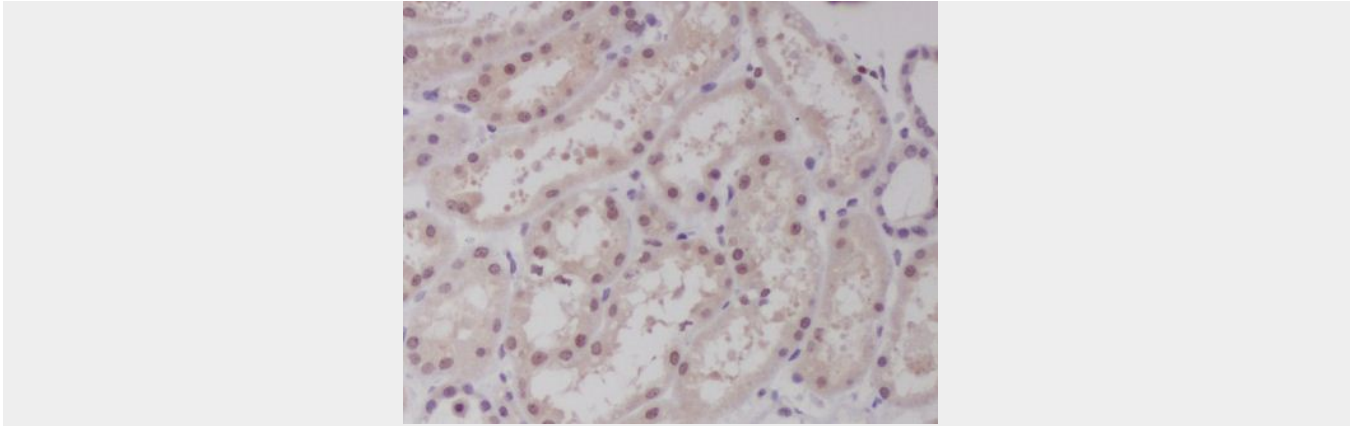
Anti-c-Maf Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-c-Maf Rabbit Monoclonal Antibody - Images





Immunohistochemical analysis of paraffin-embedded human kidney, using c-Maf Antibody.