
Product Name: MafF Rabbit Polyclonal Antibody**Catalog #: APRab13562**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000

Molecular Weight

Antigen Information

Gene Name	MAFF
Alternative Names	MAFF; Transcription factor MafF; U-Maf; V-maf musculoaponeurotic fibrosarcoma oncogene homolog F
Gene ID	23764.0
SwissProt ID	Q9ULX9
Immunogen	The antiserum was produced against synthesized peptide derived from human MAFF. AA range:51-100

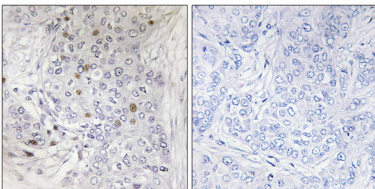
Background

The protein encoded by this gene is a basic leucine zipper (bZIP) transcription factor that lacks a transactivation domain. It is known to bind the US-2 DNA element in the promoter of the oxytocin receptor (OTR) gene and most likely heterodimerizes with other leucine zipper-containing proteins to enhance expression of the OTR gene during term pregnancy. The encoded protein can also form homodimers, and since it lacks a transactivation domain, the homodimer may act as a repressor of transcription. This gene may also be involved in the cellular stress response. Multiple transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jun 2009],function:Interacts with the upstream promoter region of the oxytocin receptor gene. May be a transcriptional enhancer in the up-regulation of the oxytocin receptor gene at parturition. Since it lacks a putative transactivation domain, it may behave as a transcriptional repressor when it dimerize among himself. May also serve as a transcriptional activator by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. May be involved in the cellular stress response.,induction:By oxidative stress.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. Maf subfamily.,similarity:Contains 1 bZIP domain.,subunit:Monomer and homo- or heterodimer. Interacts with MIP.,tissue specificity:Expressed in the term myometrium and kidney.,

Research Area

Epigenetics and Nuclear Signaling; Transcription; Domain Families; HLH / Leucine Zipper; Leucine Zipper; Transcription Factors; Chromatin Binding Proteins; DNA / RNA binding; Cell Biology; Other Antibodies; Oxidative Stress; Metabolism; Pathways and Processes; Redox metabolism

Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MAFF Antibody. The picture on the right is blocked with the synthesized peptide.