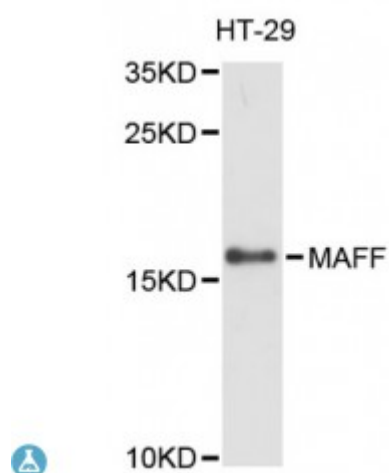


Anti-MAFF Antibody



Description

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.

Model	STJ114786
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 75-164 of human MAFF (NP_036455.1).
Gene ID	23764
Gene Symbol	MAFF
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in the term myometrium and kidney
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	Transcription factor MafF U-Maf V-maf musculoaponeurotic fibrosarcoma oncogene homolog F
Molecular Weight	17.76 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6780OMIM:604877Reactome:R-HSA-983231
Alternative Names	Transcription factor MafF U-Maf V-maf musculoaponeurotic fibrosarcoma oncogene homolog F
Function	Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves ,
Cellular Localization	Nucleus

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