

Product datasheet for **TA343697**

MAFF Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MAFF antibody: synthetic peptide directed towards the N terminal of human MAFF. Synthetic peptide located within the following region: SVRELNRHLRGLSAEEVTRLKQRRRTLKNRGYAASCRVKRVCQKEELQKQ
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	18 kDa
Gene Name:	MAF bZIP transcription factor F
Database Link:	NP_690617 Entrez Gene 23764 Human Q9ULX9



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Background:

MAFF 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. MAFF can also form homodimers, and since it lacks a transactivation domain, the homodimer may act as a repressor of transcription. MAFF may also be involved in the cellular stress response. 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. Two transcript variants encoding the same protein have been found for this gene.

Synonyms:

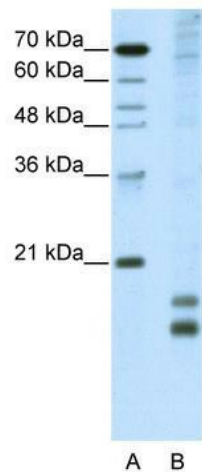
hMafF; OTTHUMP00000028701; transcription factor MAFF; U-MAF; v-maf avian musculoaponeurotic fibrosarcoma oncogene family protein F; v-maf musculoaponeurotic fibrosarcoma oncogene homolog F (avian)

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-MAFF Antibody Titration: 5.0 ug/ml; ELISA Titer: 1: 62500; Positive Control: HepG2 cell lysate