Datasheet for ABIN2780877

anti-MafF antibody (N-Term)

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Overview

Quantity:	100 µL
Target:	MafF (MAFF)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MafF antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MAFF
Sequence:	SVRELNRHLR GLSAEEVTRL KQRRRTLKNR GYAASCRVKR VCQKEELQKQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against MAFF. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	MafF (MAFF)

Target Details

Alternative Name:	MAFF (MAFF Products)
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. Alias Symbols: U-MAF, hMafF Protein Interaction Partner: NFE2L2, PARP1, BACH2, BATF3, MAFF, NFE2L3, NFIL3, NFE2L1, MAFG, FOS, DDIT3, BACH1, ATF3, BATF2, MAFIP, OVOL1, SUMO2, GTF2A1L, HDAC5, PPARG, NR3C1, NFE2, NRF1, PSAP, PRRX1, HOXD12, Protein Size: 164
Molecular Weight:	18 kDa
Gene ID:	23764
NCBI Accession:	NM_152878, NP_690617
UniProt:	Q9ULX9
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 164 AA
Restrictions:	For Research Use only

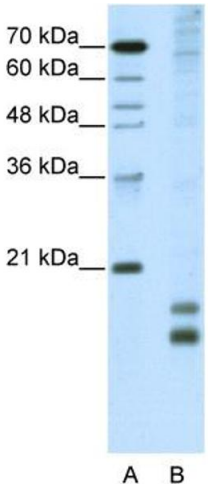
Handling

Format:	Liquid

Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

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