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Datasheet for ABIN2461834

anti-MafF antibody

1 Image

Overview

Quantity:	100 µL
Target:	MafF (MAFF)
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MafF antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human MAFF.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	MafF (MAFF)
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.

Target Details

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.

Molecular Weight: 18 kDa, 18 kDa, 18 kDa, 18 kDa, 18 kDa

Gene ID: 23764

NCBI Accession: [NP_690617](#)

UniProt: [Q9ULX9](#)

Pathways: [Myometrial Relaxation and Contraction](#)

Application Details

Application Notes: MAFF antibody can be used for detection of MAFF by ELISA at 1:62500. MAFF antibody can be used for detection of MAFF by western blot at 5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL.

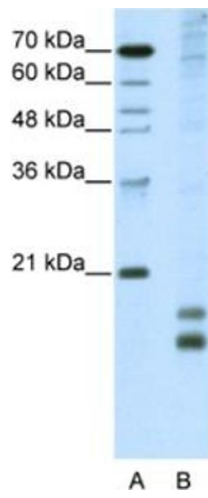
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store MAFF antibody at -20 °C.



Western Blotting

Image 1.