

MAFF Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP6837c**Specification**

MAFF Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9ULX9](#)**MAFF Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 23764**Other Names**

Transcription factor MafF, U-Maf, V-maf musculoaponeurotic fibrosarcoma oncogene homolog F, MAFF

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6837c](/products/AP6837c) was selected from the Center region of human MAFF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MAFF Antibody (Center) Blocking Peptide - Protein Information**Name** MAFF**Function**

Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves (PubMed: [8932385](http://www.uniprot.org/citations/8932385)). However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins, such as NFE2L1/NRF1, and recruiting them to specific DNA-binding sites. Interacts with the upstream promoter region of the oxytocin receptor gene (PubMed: [8932385](http://www.uniprot.org/citations/8932385), PubMed: [16549056](http://www.uniprot.org/citations/16549056)). May be a transcriptional enhancer in the up-regulation of the oxytocin receptor gene at parturition (PubMed: [10527846](http://www.uniprot.org/citations/10527846)).

Cellular Location

Nucleus.

Tissue Location

Expressed in the term myometrium and kidney.

MAFF Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MAFF Antibody (Center) Blocking Peptide - Images**MAFF Antibody (Center) Blocking Peptide - 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. This protein can also form homodimers, and since it lacks a transactivation domain, the homodimer may act as a repressor of transcription.

MAFF Antibody (Center) Blocking Peptide - References

Kataoka, K., et.al., J. Biol. Chem. 276 (1), 819-826 (2001)