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Datasheet for ABIN7469478 anti-MafF antibody



Overview		
Quantity:	100 µL	
Target:	MafF (MAFF)	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This MafF antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	Recombinant protein encompassing a sequence within the center region of human MAFF. The	
	exact sequence is proprietary.	
Isotype:	lgG	
Cross-Reactivity:	Human, Rat	
Purification:	Purified by antigen-affinity chromatography.	
Target Details		
Target:	MafF (MAFF)	
Alternative Name:	MAFF (MAFF Products)	

Ba	Background:	Synonyms: MAF bZIP transcription factor F , U-MAF , hMafF
		Background [.] The protein encoded by this gene is a basic lev

Background: 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

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Target Details

	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. [provided by RefSeq]
Molecular Weight:	18 kDa
Gene ID:	23764

UniProt:	Q9ULX9
Pathways:	Myometrial Relaxation and Contraction

Application Details

Application Notes:	WB: 1:500-1:20000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Huh7 , HepG2 , human MAFF-transfected 293T , A431 nuclear extract , rat skin Validation: Orthogonal, Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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