

Anti-MAFG antibody



Description	Unconjugated Rabbit polyclonal to MAFG
Model	STJ192262
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	4097
Gene Symbol	MAFG
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	MAFG Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in skeletal muscle. Also expressed in heart and brain.
Purification	MAFG antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Transcription factor MafG V-maf musculoaponeurotic fibrosarcoma oncogene homolog G hMAF
Molecular Weight	17 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:6781OMIM:602020
Alternative Names	Transcription factor MafG V-maf musculoaponeurotic fibrosarcoma oncogene homolog G hMAF
Function	Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves. However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins and recruiting them to specific DNA-binding sites. Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NF-E2 transcription factor. Transcription factor, component of erythroid-specific transcription factor NF-E2. Activates globin gene expression when associated with NF-E2. May be involved in signal transduction of extracellular H(+) .
Cellular Localization	Nucleus
Post-translational Modifications	Acetylated in erythroid cells by CREB-binding protein (CBP). Acetylation augments the DNA-binding activity of NFE2, but has no effect on binding NFE2. Sumoylation at Lys-14 is required for active transcriptional repression.