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Mafg Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10652

Product Information

Application	WB
Primary Accession	O54790
Other Accession	NM_010756, NP_034886
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17877

Additional Information

Gene ID	17134
Alias Symbol	AA545192, C630022N07Rik
Other Names	Transcription factor MafG, V-maf musculoaponeurotic fibrosarcoma oncogene homolog G, Mafg
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Mafg antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Mafg Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

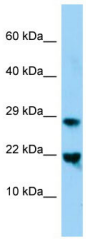
Protein Information

Name	Mafg
Function	Since they lack a putative transactivation domain, the small Mafs behave as transcriptional repressors when they dimerize among themselves (PubMed:16738329, PubMed:9679061). However, they seem to serve as transcriptional activators by dimerizing with other (usually larger) basic-zipper proteins, such as NFE2, NFE2L1 and NFE2L2, and recruiting them to specific DNA-binding sites (PubMed:16738329, PubMed:9679061). Small Maf proteins heterodimerize with Fos and may act as competitive repressors of the NFE2L2 transcription factor. Transcription factor, component of erythroid-specific transcription factor NFE2L2. Activates globin gene expression when associated with NFE2L2 (By similarity). May be involved in signal transduction

of extracellular H(+) (By similarity).

Cellular Location Nucleus {ECO:0000250|UniProtKB:O15525, ECO:0000255|PROSITE-ProRule:PRU00978}

Images



WB Suggested Anti-Mafg Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.